

# City of Milton, Georgia

## SOLID WASTE MANAGEMENT PLAN 2008 - 2018



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## DEFINITIONS

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### *"ARC"*

Atlanta Regional Commission.

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### *"Comprehensive Plan"*

Any plan by a county or municipality covering such county or municipality or any plan by a Regional Development Center covering the center's region proposed or prepared pursuant to the minimum standards and procedures for preparation of comprehensive plans and for implementation of comprehensive plans, established by the Department in accordance with the O.C.G.A. § 50-8-7.1(b) and §50-8-7.2.

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### *"Comprehensive Solid Waste Management Plan"*

Any solid waste management plan by a county or municipality, any group of local jurisdictions agreeing to plan together, or any local or regional solid waste authority, or any plan by a Regional Development Center on behalf of a member county or municipality, covering such county or municipality individually or in conjunction with other local governments prepared pursuant to the minimum standards and procedures for comprehensive solid waste management plans and for implementation of comprehensive solid waste management plans, established by the Department in accordance with O.C.G.A. § 12-8-31.1.

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### *"Composting"*

The controlled biological decomposition of organic matter into a stable, odor-free humus.

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### *"DCA"*

The Georgia Department of Community Affairs.

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### *"DNR"*

The Georgia Department of Natural Resources.

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### *"EPD"*

The Environmental Protection Division of the Georgia Department of Natural Resources.

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### *"Household Hazardous Waste" (HHW)*

Unwanted household products that are labeled as flammable, toxic, corrosive, or reactive.

### *"Implementation Strategy"*

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The narrative and year-specific description that each county and municipality must submit as an element of a comprehensive solid waste management plan. An implementation strategy describes how each local government intends to implement its comprehensive solid waste management plan through a ten-year period, including a listing of public actions to be undertaken by the community toward implementation of the comprehensive solid waste management plan and the related costs of such actions. For regional plans, the implementation strategy must also detail solid waste management activities to be undertaken by any regional entity, or by any local government on behalf of other local governments through contracts or other formal arrangements.

### *"Minimum Standards and Procedures"*

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The minimum standards and procedures, including the minimum elements which shall be addressed and included for preparation of local, multi-jurisdictional, and regional solid waste management plans, for implementation of local comprehensive plans, and for participation in the coordinated and comprehensive planning process. Minimum standards and procedures may include any elements, standards, and procedures for such purposes prescribed by a Regional Development Center for counties and municipalities within its region and approved in advance by the department, in accordance with O.C.G.A. § 50-8-1 *et seq.* and the rules and guidelines developed by the Department.

### *"Mulch"*

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A byproduct typically comprised of materials from land clearing and yard trimmings that have been size-reduced by grinding, chipping, or shredding and used *on top of the soil* to retain moisture around vegetation or for aesthetic purposes.

### *"Municipal Solid Waste" (MSW)*

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Any solid waste derived from households, including garbage, trash, and sanitary waste in septic tanks and means solid waste from single family and multifamily residences, hotels and motels, bunkhouses, campgrounds, picnic grounds, and day use recreation areas. The term includes yard trimmings and commercial solid waste but does not include recovered materials, or solid waste from mining, agricultural, or silvicultural operations or industrial processes or operations.

### *"Operating Costs"*

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Any costs incurred during the normal course of the operation of a business, government, or organization, including expenditures for items such as salaries, wages, and benefits; supplies and utilities; and gas, oil, and maintenance.

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*"Recycling"*

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Any process by which materials that would otherwise become solid waste are collected, separated, or processed and reused or returned to use in the form of raw materials or products.

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*"Short Term Work Program"*

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The portion of the Implementation Strategy that lists the specific actions to be undertaken annually by the local government over the upcoming five years to implement the approved comprehensive solid waste management plan.

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*"Solid Waste"*

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Any garbage or refuse; sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility; and other discarded material including solid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations and community activities, but does not include recovered materials; solid or dissolved materials in domestic sewage; solid or dissolved materials in irrigation return flows or industrial discharges that are point sources subject to permit under 33 U.S.C. § 1342; or source, special nuclear, or by-product material as defined by the Federal Atomic Energy Act of 1954, as amended (68 Stat. 923).

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*"Solid Waste Handling"*

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The storage, collection, transportation, treatment, utilization, processing, or disposal of solid waste, or any combination of such activities.

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*"Solid Waste Handling Facility"*

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A facility of which the primary purpose is the storage, collection, transportation, treatment, utilization, processing, or disposal, or any combination thereof, of solid waste.

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*"Solid Waste Handling Permit"*

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Written authorization granted to a person by the Director of the Georgia Environmental Protection Division to engage in solid waste handling.

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*"Source Reduction"*

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Actions taken to prevent the generation of waste in the first place.

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*"Waste Stream Analysis"*

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An inventory and analysis of the solid waste stream, including amounts of waste being generated and/or disposed, the source of the waste (i.e., residential, commercial), and a characterization of the waste by composition (i.e., paper, food, yard trimmings). A waste stream analysis also includes a percentage accounting of the waste stream by source and by composition.

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## 1. INTRODUCTION

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In an effort to adhere to the rules and requirement of the Georgia Department of Community Affairs (DCA), Minimum Planning Standards and Procedures for Solid Waste Management, The City of Milton has completed the following Solid Waste Management Plan for the planning period beginning in 2008 and ending in 2018. The City's Solid Waste Plan is defined by the city limit boundaries of Milton and is illustrated in Figure 1 below.

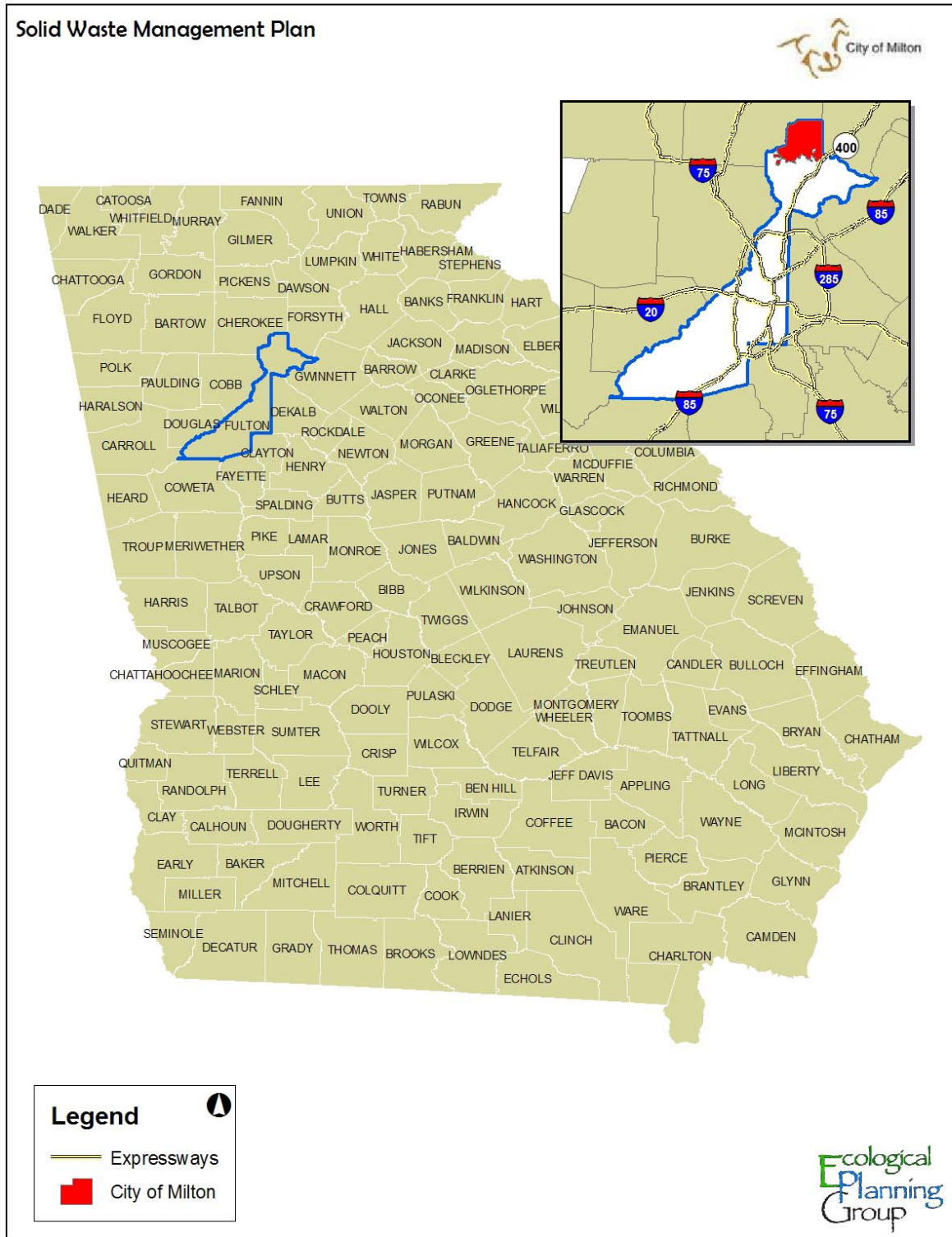
The City of Milton is scheduled to complete their Comprehensive Plan update in December 2008. The following Solid Waste Management Plan for the City of Milton is being completed in conjunction with ongoing planning efforts. One goal of the City's Solid Waste Plan is to demonstrate the City's dedication to waste reduction by conducting an assessment of current solid waste practices and activities in the City. The plan will ultimately lead to a better understanding of how waste is currently being handled in the City.

The Minimum Planning Standards and Procedures have been broken down into five core elements as listed below:

- Waste Reduction
- Collection
- Disposal
- Land Limitation
- Education & Public Involvement

An assessment of each of the solid waste planning elements will be conducted for the City of Milton. A waste disposal stream analysis and an implementation plan are also included within the contents of this Plan. The waste disposal stream analysis examines current practices and trends in the City and ultimately results in the projection of waste to be disposed of during the planning period of this report. The implementation plan identifies specific activities the City will undertake to achieve the goals set forth in this document.

Figure 1.1. Location Map



## 1.1 Person Responsible for the Plan

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The person responsible for updating the Solid Waste Management Plan is indicated below:

Public Works Director  
 13000 Deerfield Parkway  
 Building 100 – Suite 107 C/D  
 Milton, Georgia 30004  
 Phone: (678) 242 – 2500  
 Fax: (678) 242 -2499

Any questions related to the contents of this plan or to request additional information should be directed to the person listed in the table above.

## 1.2 Planning Area

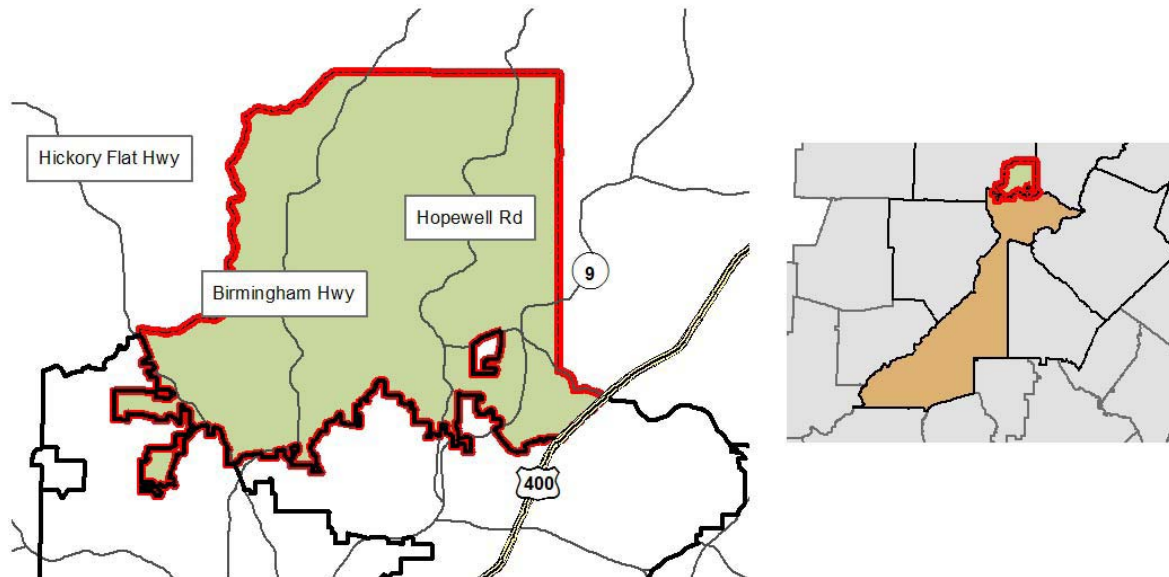
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The Solid Waste Management Plan for Milton covers all areas within the city limits of the City. The City of Milton covers an area of roughly 25,000 acres or 39 square miles and is located in the northern part of Fulton County. The City is bordered by Roswell and Alpharetta to the south, Forsyth County to the east, and Cherokee County to the North/North West. Milton accounts for approximately 7.3% of the total land area in Fulton County. Table 1.1 compares the acreage of Milton with other jurisdictions in the North Fulton County vicinity.

*Table 1.1. Area Comparison of Milton and Surrounding Jurisdictions*

Name	Square Miles	Acres
<b>Milton</b>	<b>39</b>	<b>25,053.1</b>
Woodstock	10	6,658.5
Mountain Park	1	331.5
Alpharetta	27	17,433.8
Johns Creek	31	20,088.8
Roswell	42	26,670.8

Figure 1.1 illustrates the location of the Milton planning area within the State of Georgia. The planning area is illustrated in closer detail in Figure 1.2.

*Figure 1.2. Planning Area*

### 1.3 Natural Resources

The City of Milton contains a unique collection of natural resources. The proper management, consideration, and protection of these resources is important as the City moves forward with development of this Solid Waste Plan.

The City of Milton is approximately 39 square miles or 25,053 acres and contains an array of natural resources. The City of Milton contains roughly 65 miles of streams and waterways. The major waterways in the city are Little River, which runs along the western border of the City, Copper Sandy Creek, and Chicken Creek, both of which are centrally located in Milton. The City contains 1,770 acres in the 100-year flood zone, which accounts for only 7% of the total land area in the City.

The Land Limitations Assessment (Section 6) contains a more detailed assessment of environmental constraints in the City and the Department of Natural Resources (DNR) regulations and restrictions for development in these areas.

### 1.4 Population

Population growth in the City of Milton is projected to grow steadily during the planning period of this plan and is the driving factor behind many of the issues and policies outlined within this document. The population projections calculated in this section become the foundation for the City's Solid Waste Management Plan. These numbers are used to determine the estimated tonnage to be disposed of in the City during the 10-year planning period of this report.



The City of Milton is a new City, which makes specific historical population numbers difficult to accurately determine. The City utilized the best available datasets to examine historical population trends in Fulton County. Since no data specific to Milton was obtainable for past Census years, the City studied county-wide patterns of growth as well as jurisdictional trends within the County.

Population growth in the north part of the County has occurred much faster than growth in South Fulton County. Based on the information presented in Table 1.2, it is likely that population growth in the cities of Roswell and Alpharetta most closely parallel trends of population growth in Milton. Table 1.2 also shows the percentage of growth in Unincorporated Fulton County between 1980 and 2000. The population in Unincorporated Fulton County more than tripled in the 20 year period displayed below. During these Census years, the cities of Milton, Sandy Springs, and Jones Creek were all part of the unincorporated county and as a result have experienced significant population growth over the past 30 years.

*Table 1.2. Historical Population Trends*

Jurisdiction	Geography	1980	1990	2000	Increase 1980 - 1990	Increase 1990 - 2000
Alpharetta	North Fulton	3,128	13,002	34,854	315.7%	168.1%
Roswell	North Fulton	23,337	47,923	79,334	105.4%	65.5%
Mountain Park	North Fulton	378	554	506	46.6%	-8.7%
Atlanta	Central	425,022	394,017	416,474	-7.3%	5.7%
East Point	South Fulton	37,486	34,402	39,595	-8.2%	15.1%
College Park	South Fulton	24,632	20,457	20,382	-16.9%	-0.4%
Fairburn	South Fulton	3,466	4,013	5,464	15.8%	36.2%
Union City	South Fulton	4,780	8,375	11,621	75.2%	38.8%
Hapeville	South Fulton	6,166	5,483	6,180	-11.1%	12.7%
Palmetto	South Fulton	2,086	2,612	3,400	25.2%	30.2%
Unincorporated Fulton County	N/A	59,423	118,113	198,196	98.8%	67.8%
Fulton County	N/A	589,904	648,951	816,006	10.0%	25.7%

Source: Department of Community Affairs (DCA), US Census Bureau

In order to best project population over the planning period of the Solid Waste Management Plan, it is important to determine an accurate count for the existing population. Milton is currently in the process of completing the City's first Comprehensive Plan. Through ongoing planning efforts in the City, a detailed analysis was completed to calculate past and future population numbers for the City. Using data from the US Census, research conducted by the City of Milton Community Development Department, the Atlanta Regional Commission (ARC), and the Fulton County Department of Environment and Community Development (DE&CD), the City concluded that the 2008 population in the City is 30,008.

*Table 1.3. Population Numbers*

	Census Bureau 1990 (count)	D.E.&C.D. 1995 (estimate)	Census Bureau 2000 (estimate)	D.E.&C.D. 2005 (estimate)	D.E.&C.D. 2008 (forecast)
City of Milton	7,242	13,988	15,464	27,281	30,008

Source: City of Milton Comprehensive Plan – Data Assessment (revised 4/9/08)

The City of Milton Community Development Department conducted demographic research and determined the 2008 population to be 30,008. This number has been accepted by the City and is the basis for the population projections below. The detailed population projections developed during the Data Assessment component of the City's Comprehensive Plan were made for the next 20 years on a five year basis. These numbers along with those collected by the Community Development Department have been applied to the Solid Waste Plan to determine the year-by-year population numbers. The 2008 population number from the City's Community Development Department was used as the starting point and a forecasted number for 2018 population was used as the end point. Based on current and predicted development patterns and the ESRI forecasting model, the City is estimating a growth rate of roughly 5% per year through 2013 and roughly 2% per year for the remaining five years of the planning period.

*Table 1.4. Population Projections*

Year	Milton
2008	30,008
2009	31,538
2010	33,147
2011	34,837
2012	36,614
2013	38,490
2014	39,251
2015	40,036
2016	40,837
2017	41,653
2018	42,487

Source: City of Milton Comprehensive Plan, City of Milton Department of Community Development

## 1.5 Seasonal Population Variation

The City of Milton does not hold any major events that would result in a significant seasonal population increase. A number of smaller events take place annually in the City, which have the potential to slightly increase the city population. The first annual Milton Roundup was held in September 2007 and attracted more than 2,000 people. The City anticipates that the 2008 event will have an even bigger draw.

The Crabapple Antique and Art Festival is also held in Milton on an annual basis. This regional attraction draws antique dealers, artists, and musicians from a number of states and takes place in the historic Crabapple community.

## 1.6 Number of Housing Units

Residential development trends in the City of Milton have been in the form of large lot single-family developments. According to the 2000 U.S. Census and the City of Milton's Comprehensive Plan, there were 7,351 housing units in Milton. Table 1.5 compares the number of owner-occupied housing units with renter-occupied units. As the table depicts, the majority of people in Milton reside in homes which they own.

*Table 1.5. Number of Housing Units (2000)*

	Milton	Percent of City
Total Housing Units	7,351	100.0%
Owner-occupied housing units	6,407	87.2%
Renter-occupied housing units	944	12.8%

Source: Department of Community Affairs (DCA), US Census Bureau, City of Milton Comprehensive Plan

Since the year 2000, the number of households in the City of Milton has nearly doubled. It is important for the City to understand these types of trends to ensure they continue to provide a high level of service to residents. Table 1.6 compares the number of households in the City in the year 2000 with 2008.

*Table 1.6. Number of Households*

	2000	2008	Percent Change
Milton Households	5,613	11,119	98.10%

## 1.7 Economic Activity

Tables 1.7a and 1.7b provide a classification of employment of City residents by gender and type of industry. The percentage is calculated by the number of people employed by a particular industry

versus the total civilian employed population. As the table demonstrates, the economy that makes up Milton, as determined through the 2000 Census, is not dependant on any particular industry type and would therefore be less subject to downturns in a single industry. The major employers of males living Milton include: professional, manufacturing, retail trade, education, information, and finance. These industries collectively account for the employment of over 40% of the total employed male population. The percentage employed in these industries in Milton is higher than the percentage employed in these same industries in Fulton County and in most cases exceeds the statewide averages as well.

*Table 1.7a. Types of Employment for Milton Residents (Male)*

	Milton	% Milton	Fulton County	% F.C.	Georgia	% GA
<b>Total Workforce</b>	9948	100.00%	392,627	100.00%	3,839,756	100.00%
<b>Total Male</b>	5862	58.93%	211,687	53.92%	2,051,523	53.43%
Agriculture, forestry, fishing and hunting, and mining:	8	0.08%	838	0.21%	43,887	1.14%
Agriculture, forestry, fishing and hunting	8	0.08%	768	0.20%	38,216	1.00%
Mining	0	0.00%	70	0.02%	5,671	0.15%
Construction	475	4.77%	18,450	4.70%	275,824	7.18%
Manufacturing	861	8.66%	22,272	5.67%	374,200	9.75%
Wholesale trade	524	5.27%	10,532	2.68%	102,257	2.66%
Retail trade	596	5.99%	22,187	5.65%	231,473	6.03%
Transportation and warehousing, and utilities:	334	3.36%	15,183	3.87%	171,096	4.46%
Transportation and warehousing	277	2.78%	13,874	3.53%	140,714	3.66%
Utilities	58	0.58%	1,309	0.33%	30,382	0.79%
Information	553	5.56%	14,111	3.59%	73,877	1.92%
Finance, insurance, real estate and rental and leasing:	543	5.46%	19,688	5.01%	102,418	2.67%
Finance and insurance	368	3.70%	12,673	3.23%	64,644	1.68%
Real estate and rental and leasing	175	1.76%	7,015	1.79%	37,774	0.98%
Professional, scientific, management, administrative, and waste management services:	1188	11.94%	37,907	9.65%	202,461	5.27%
Professional, scientific, and technical services	971	9.76%	27,328	6.96%	120,241	3.13%
Management of companies and enterprises	7	0.07%	239	0.06%	1,165	0.03%
Administrative and support and waste management services	210	2.11%	10,340	2.63%	81,055	2.11%
Educational, health and social services:	287	2.89%	16,276	4.15%	151,462	3.94%
Educational services	141	1.42%	7,926	2.02%	82,001	2.14%
Health care and social assistance	146	1.47%	8,350	2.13%	69,461	1.81%
Arts, entertainment, recreation, accommodation and food services:	262	2.63%	19,292	4.91%	125,524	3.27%
Arts, entertainment, and recreation	22	0.22%	3,713	0.95%	25,969	0.68%
Accommodation and food services	241	2.42%	15,579	3.97%	99,555	2.59%
Other services (except public administration)	149	1.50%	8,380	2.13%	93,919	2.45%
Public administration	80	0.80%	6,571	1.67%	103,125	2.69%

Source: Department of Community Affairs (DCA), US Census Bureau, City of Milton Comprehensive Plan

The major employers of females in the City of Milton include: educational, professional, retail trade, health care, and finance. These industries collectively account for over 40% of the total employed female population.

*Table 1.7b. Types of Industries (Female)*

	Milton	% Milton	Fulton County	% F.C.	Georgia	% GA
<b>Total Workforce</b>	9948	100.00%	392,627	100.00%	3,839,756	100.00%
<b>Total Female</b>	4085	41.06%	180,940	46.08%	1,788,233	46.57%
Agriculture, forestry, fishing and hunting, and mining:	9	0.09%	219	0.06%	9,314	0.24%
Agriculture, forestry, fishing and hunting	9	0.09%	184	0.05%	8,586	0.22%
Mining	0	0.00%	35	0.01%	728	0.02%
Construction	103	1.04%	2,339	0.60%	28,886	0.75%
Manufacturing	270	2.71%	10,679	2.72%	194,630	5.07%
Wholesale trade	130	1.31%	4,837	1.23%	45,769	1.19%
Retail trade	530	5.33%	20,228	5.15%	228,075	5.94%
Transportation and warehousing, and utilities:	144	1.45%	7,844	2.00%	60,208	1.57%
Transportation and warehousing	126	1.27%	7,117	1.81%	51,658	1.35%
Utilities	17	0.17%	727	0.19%	8,550	0.22%
Information	256	2.57%	10,350	2.64%	61,619	1.60%
Finance, insurance, real estate and rental and leasing:	430	4.32%	18,752	4.78%	148,822	3.88%
Finance and insurance	276	2.77%	12,862	3.28%	110,679	2.88%
Real estate and rental and leasing	154	1.55%	5,890	1.50%	38,143	0.99%
Professional, scientific, management, administrative, and waste management services:	687	6.91%	28,206	7.18%	159,953	4.17%
Professional, scientific, and technical services	543	5.46%	19,215	4.89%	100,703	2.62%
Management of companies and enterprises	24	0.24%	262	0.07%	1,494	0.04%
Administrative and support and waste management services	121	1.22%	8,729	2.22%	57,756	1.50%
Educational, health and social services:	1037	10.42%	42,886	10.92%	524,131	13.65%
Educational services	555	5.58%	19,663	5.01%	231,495	6.03%
Health care and social assistance	482	4.85%	23,223	5.91%	292,636	7.62%
Arts, entertainment, recreation, accommodation and food services:	202	2.03%	17,132	4.36%	148,913	3.88%
Arts, entertainment, and recreation	60	0.60%	2,944	0.75%	19,089	0.50%
Accommodation and food services	142	1.43%	14,188	3.61%	129,824	3.38%
Other services (except public administration)	236	2.37%	9,162	2.33%	87,910	2.29%
Public administration	52	0.52%	8,306	2.12%	90,003	2.34%

Source: Department of Community Affairs (DCA), US Census Bureau, City Comprehensive Plan

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### 1.7.1 Economic Trends

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Major Employers. The major employers in the City of Milton are listed alphabetically below:

- Home Depot
- Milton, City of
- Target
- Wal-Mart
- Verizon

Significant Areas of Development. Residential development has steadily taken place in the City of Milton. However, the most significant trends of development with regard to solid waste are related to commercial development. The Deerfield development in Milton has become the primary retail area and commercial center for the City. Other notable commercial developments in the City are Birmingham Crossroads and Crabapple Crossroads.

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## 1.8 Public Involvement During the Planning Process

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The City of Milton has exceeded the minimum requirements for Public Involvement set forth by the DCA. The City held two public hearings, formed a stakeholder committee, and used additional methods to keep the public informed throughout the planning process of this report. The first public hearing was held in January 2009 to introduce the Plan and field questions about the process. Once the preliminary draft was completed, the Solid Waste Management Plan was presented to the City Council to inform residents on the status of the Plan and to provide an opportunity for residents to make suggestions, additions, and revisions. The final public hearing was held in March of 2009 to ask the City Council to adopt a resolution authorizing the submittal of the draft plan. The additional avenues used by the City to inform residents about the Plan are summarized below.

- Trash and Recycling Advisory Committee (TARA). The TARA Committee was formed by the City to oversee production of the Solid Waste Management plan. The committee was made up of City staff, consultants, waste haulers, as well as seven members appointed by the City Council and Mayor. The committee met six times throughout the course of this process. Please see Appendix A for meeting agendas and meeting summaries from the six TARA meetings.
- Website. The City's website contains a page dedicated to the Solid Waste Management Plan. The page was updated on a regular basis and contains the draft plan, corresponding maps, summaries from the TARA Committee meetings, and other documents related to the Solid Waste Plan.
- Handouts. The City also produced a handout (available at City Hall) that provided general information about the Solid Waste Management Plan. The handout was also available at the public meetings. Additional handouts were created to advertise the public hearings.
- Advertising. Advertising for the public meetings was done in accordance with the City's policy for public meetings. Meeting agendas were made available to the public at least one week prior to the meetings.

A sample of public education materials, meeting agendas from the public hearings, and the Public Participation Plan are included in Appendix A.



## 2 WASTE DISPOSAL STREAM ANALYSIS

### 2.1 Disposal Rate

#### Municipal Solid Waste

Table 2.1 below compares the estimated disposal rate for the City of Milton and the State of Georgia as a whole. The City of Milton calculated the disposal rate by comparing statewide trends with those of the City. The disposal rate for Georgia of 6.39 pounds per day per person was calculated in the Statewide Solid Waste Management Plan. Lacking historical data as a method to account for disposal patterns in the City, Milton elected to use this number as the basis of calculations in this waste stream analysis.

The adjusted annual tonnage of waste in the state was multiplied by 2000 to convert the tonnage to pounds. The resulting number was then divided by the statewide population and then by 365 to determine the per capita (pounds per person per day) number. Given the population numbers for Milton and the per capita rate, the annual tonnage was calculated. This number was calculated by multiplying the per capita number (6.39) times 365 to determine pounds per person per year. The resulting number was multiplied by the population and then divided by 2000 to convert pounds to tons.



By means of comparison, the average tall kitchen trash bag (13 gallon) generally weighs 15 to 20 pounds. Using this number to compare the per capita number for Milton (6.39) is similar to stating that the average household in Milton disposes of roughly 4 tall kitchen trash bags a week.

The City believes the statewide per capita number is consistent with the regional trends and is a good number to use for the basis of the waste projections in this report. It should be noted that the table below is comparing population numbers from the year 2005. In an effort to ensure consistency, the population numbers in the table below include the 2005 population projection for Milton, which was calculated as part of the City's Comprehensive Plan.

*Table 2.1. MSW Disposal Rates (2005)*

Jurisdiction	Tons Per Year	Population	Per Capita (pounds per day)
State of Georgia	10,282,942	8,817,666	6.39
Milton	31,814	27,281	6.39

Source: Georgia Statewide Solid Waste Management Plan, 2005

It is difficult to determine an exact tonnage of municipal solid waste disposed annually by the City of Milton because residents are given the choice of selecting a waste hauler. When dealing with contracted haulers, loads are generally not differentiated based on jurisdictional boundaries. In many cases, loads being disposed of contain waste from more than one jurisdiction. Consequently, Milton opted to use the statewide average as the base disposal rate for the purposes of this report.

The City is exploring ways to better identify the source of waste being collected and the methodology for which it is being reported. This may be a difficult task because it will take a great deal of cooperation from the contracted haulers and may require them to alter the way waste gets collected and reported at landfills. The City of Milton charges a quarterly infrastructure fee to waste haulers operating in the City. Waste Haulers are required to submit an infrastructure maintenance fee form that includes an estimated tonnage of waste collected during the specified reporting period. Currently, this system is not strongly enforced, but has the potential to be a valuable tool for the City in determining the estimated annual tonnage of waste produced in the City. The City also has a solid waste ordinance (#06-11-04). Section 8.1.4 of this ordinance requires waste hauler licensed in Milton to report information about quantities of waste collected upon request from the City.

#### Construction and Demolition (C&D)

The methodology discussed above was used to determine the disposal rate at C&D landfills. Based on this methodology, an average of 2.24 pounds per person per day of waste is disposed of at C&D landfills. The statewide average was again applied to the City and will be used for later calculations because no accurate datasets are available to indicate a different per capita number.

*Table 2.2. C&D Disposal Rates (2005)*

Jurisdiction	Tons Per Year	Population	Per Capita (pounds per day)
Total Tonnage in Georgia	3,604,049	8,817,666	2.24
Milton	11,152	27,281	2.24

Source: Georgia Statewide Solid Waste Management Plan, 2005

## 2.2 Amount of Waste Disposed

The table below estimates the total amount of waste disposed of by sector for the City of Milton. The methodology used to generate the total tonnage of waste for both Municipal Solid Waste (MSW) and Construction and Demolition (C&D) landfills is based on the information provided in the Georgia Statewide Solid Waste Management Plan, adopted May 3, 2006. The statewide tonnage from this plan was used to determine the percent of solid waste disposed by economic sector. This number was then applied to the City of Milton on a per capita basis. Using these numbers, it is estimated that approximately 40% of waste delivered to MSW landfills from the City of Milton is generated by the residential sector. The second largest sector contributing waste to MSW landfills is the commercial sector, which accounts for roughly 27% of waste disposed. Industrial, C&D, and Sludge and Biosolids account for 14%, 12%, and 7% respectively.

*Table 2.3. Waste by Sector*

Sector	Tons to MSW Landfill	Tons to C&D Landfill	Total Tons
Residential	12,503	39.30%	12,503
Commercial	8,685	27.30%	8,685

Sector	Tons to MSW Landfill		Tons to C&D Landfill	Total Tons	
Industrial	4,454	14.00%		4,454	10%
C&D	3,913	12.30%	11,152	15,065	35%
Sludge & Biosolids	2,259	7.10%		2,259	5%
<b>Total</b>	<b>31,814</b>	<b>100.00%</b>		<b>42,966</b>	<b>100%</b>

Source: Georgia Statewide Solid Waste Management Plan, 2005

The methodology used to generate the total tonnage delivered to MSW and C&D landfills is discussed in greater detail below.

### 2.3 Waste Characterization

The Georgia Statewide Waste Characterization Study conducted by R.W. Beck for the DCA in 2005 breaks down the percentages by type of material disposed of in a MSW landfill for the area covered by the Atlanta Regional Commission (ARC). The ARC encompasses a 10-county area that includes Cherokee, Clayton, Cobb, DeKalb, Douglas, Fayette, Fulton, Gwinnett, Henry, and Rockdale Counties. The percentages developed in the DCA study were generalized and used to determine the estimated composition of the municipal solid waste generated annually within the City of Milton.

*Table 2.4. Waste Composition Characterization of MSW Disposed*

Material	Average Percentage	Tonnage
Paper	40.0%	12,726
Plastic	15.8%	5,027
Glass	3.8%	1,209
Metal	5.5%	1,750
Organics	26.2%	8,335
C&D	5.5%	1,750
Inorganics	3.2%	1,018
<b>TOTAL</b>	<b>100.0%</b>	<b>31,814</b>

Source: Statewide Waste Characterization Study, 2005

### 2.4 Unique Conditions / Seasonal Variations

The months during spring and summer typically result in an increase in yard trimmings and leaves that are disposed of in local landfills (consider rewording to state that yard trimmings are not going into MSW landfills). Waste haulers serving Milton are required to provide yard trimmings services to customers in the City. Yard trimmings programs are discussed in greater detail in the collection element below.

## 2.5 Waste Generating Disaster

A major disaster has the potential to result in a significant increase in the amount of waste disposed of on an annual basis. However, it is difficult to project the additional amount of waste that would be generated should such a disaster occur. The types of disasters most likely to occur in Milton are hurricanes, tornados, ice storms, and major rain events. The procedures for collection and disposal of waste resulting from disaster are addressed later in the report.

## 2.6 Progress Toward Per Capita Reduction in MSW

As a recently incorporated jurisdiction, Milton does not have a great deal of historical data for the City related to solid waste. Fulton County completed a county-wide Solid Waste Management Plan in 2005, which included the City of Milton as part of the unincorporated county. There was no comprehensive data specific to Milton in this plan. In addition, the City believes the development patterns in Milton are unique to the general development patterns of unincorporated Fulton County.

The City of Milton requires that any waste hauler servicing citizens and businesses in the City provide recycling. Recycling is not mandatory in the City, but it is believed that many residents take part in recycling and are committed to waste reduction in the City. As the City moves forward with implementation of the Solid Waste Management Plan, the City is confident they will be able to achieve the 10% waste reduction goal established for this plan.

## 2.7 Projected Waste to be Disposed

The City of Milton has established a goal of 10% waste reduction over the next ten years. While a quantitative number (10%) is being used as the reduction goal, the focus of reduction efforts during the planning period of the report will be through recycling programs, yard trimmings recycling, source reduction, etc.

The estimated 6.39 pounds per person per day was used to project the total tonnage of waste to be disposed of over the 10-year planning period. The City intends to achieve the 10% reduction by reducing total waste disposed of per capita by 1% per year which equates to 0.064 pounds per person per day. The projected tonnage based on this goal is shown in the table below.

*Table 2.5. MSW Disposal Projections*

Year	Disposal Rate	Population	Projected Tonnage
2008	6.39	30,008	34,995
2009	6.33	31,538	36,434
2010	6.26	33,147	37,869
2011	6.2	34,837	39,418
2012	6.14	36,614	41,028

Year	Disposal Rate	Population	Projected Tonnage
2013	6.08	38,490	42,709
2014	6.02	39,251	43,123
2015	5.96	40,036	43,547
2016	5.9	40,837	43,971
2017	5.84	41,653	44,394
2018	5.78	42,487	44,817
<b>TOTAL</b>			<b>452,305</b>

Source: Census Bureau & City Datasets

It is estimated that 452,305 tons of waste from the City of Milton will be disposed of in MSW landfills over the next ten years. The assurance letter from landfills where waste is disposed of in the City is based on this calculated tonnage.

## 3 WASTE REDUCTION ELEMENT

### 3.1 Inventory & Assessment of Waste Reduction Programs

#### 3.1.1 Source Reduction Programs

Source reduction refers to the actions and programs a jurisdiction has in place to reduce the amount of waste generated by the consumer. The City of Milton encourages source reduction by producing informational handouts to residents. The City also supports efforts and participates in programs facilitated by Keep North Fulton Beautiful. This group is the local affiliate to the Keep America Beautiful program and provides information and involvement opportunities related to solid waste, waste reduction, litter prevention, and recycling. Programs related to source reduction are described in greater detail in the section on Public Education and Involvement.

#### 3.1.2 Recycling Programs & Facilities

The City of Milton's Solid Waste Ordinance (07-11-54) Section 4.7 requires that all waste haulers provide a recycling service to customers. This waste reduction program is designed to limit the quantities of waste being disposed of in landfills. According to the ordinance, customers are to be charged for the recycling program regardless of whether or not they are actively participating in recycling.

Residents in the City also have the option of using various drop-off locations and recycling centers in the area. Available drop off locations and recycling centers available to residents of Milton are listed in the table below and illustrated in Figure 5.1 (Section 5 – Disposal Element). Recycling facilities utilized by waste haulers operating in Milton are also listed in Table 3.1 and shown on Figure 5.1.



The City of Milton has taken a proactive approach to waste reduction by implementing a recycling program at City Hall. Community Waste Services (CWS) out of Alpharetta has provided the City with bins and cans for the recycling of office paper, cans, plastics, etc. CWS collects and transports the recyclables collected in the City to Pratt Industries, located in East Point, Georgia

*Table 3.1. Recycling Facilities / Drop off Sites*

Name	Address	City	State
Pratt Industries	1169 Oakleigh Drive	East Point	GA
Riverview Recycling	5703 Riverview Rd	Mableton	GA

Name	Address	City	State
SP Recycling	4600 Frontage Rd	Forest Park	GA
Cobb County Composting Plant	1897 County Services Pkwy	Marietta	GA
Roswell Recycling Center	11570 Maxwell Road	Alpharetta	GA
Keep North Fulton Recycling Center	470 Morgan Falls Road	Sandy Springs	GA

### 3.1.3 Yard Trimmings Programs & Facilities

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Yard waste generally includes grass clippings, leaves, shrubs, brush, tree trimmings, and other vegetative materials generated from general maintenance of yards, lawns, and landscaping. Yard waste collection in the City of Milton is handled based on the contracts individual residents have with their waste haulers. Waste haulers operating in Milton are not required to collect yard trimmings from customers. However, some waste haulers in the City do offer routine collection of yard trimmings while others collect yard trimmings on an appointment basis only.

### 3.1.4 Special Materials Recycling

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The City of Milton does not have a formal program for the recycling of special materials. However, residents of Milton have the option to drop off certain items at the Roswell Recycling Center and the Keep North Fulton Beautiful Recycling Center. Items accepted at these facilities include household items, batteries, electronics, used motor oil, etc. The City also participates in Bulky Trash Amnesty Day with Sandy Springs, Roswell, Alpharetta, and Johns Creek. This event is held twice a year in the spring and fall and gives citizens the opportunity to drop off large appliances, white goods, and other bulk items.

Additional programs put on by Keep North Fulton Beautiful are discussed in Section 6 – Public Education and Involvement.

## 3.2 Assessment of Current Waste Reduction & Recycling Programs

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The City of Milton has a lot of opportunities to improve source and waste reduction in the City. Currently, recycling is available to residents, but not mandatory. As a result, it is difficult to determine the number of households that participate in recycling.

The City offers public education about the benefits of source reduction to residents through the City's website and the Keep North Fulton Beautiful program. Continued implementation and expansion of these elements will be required in order to achieve the 10% reduction goal established as part of this plan. If the City does not take a more proactive approach to waste reduction, it is likely that per capita numbers will increase over the planning period of this report.



### 3.3 Needs & Goals

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A 10% per capita waste reduction goal over the planning period of this report has been established. In addition, the City has identified the following needs and goals:

**Goals:**

- Achieve the waste reduction goal established in the Solid Waste Management Plan
- Increase participation in residential and commercial recycling
- Reduce the generation of solid waste through source reduction
- Encourage / increase waste reduction in schools

**Needs**

- People need credit/incentives/rewards for recycling
- There is a need for a compost site for yard waste.
- Expand options for workplace recycling.
- There needs to be better enforcement of the requirements for haulers to offer recycling to residential customers
- Source reduction education
- Identify and locate a recycling center in or near the City. This site should “fill in the gap” between existing stations in surrounding jurisdictions.

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## 4 WASTE COLLECTION ELEMENT

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### 4.1 Inventory & Assessment of Collection Programs

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#### Residential Collection

Residential collection in the City is open competition where residents have the option of selecting their own hauler. Residents may also elect to self-haul waste to private facilities and other drop-off locations. Waste Haulers operating in the City of Milton must be approved by the City and are required to adhere to the rules set forth in the City's Solid Waste Collection Services Ordinance (07-11-54).



Table 4.1 below identifies waste haulers providing residential collection services to residents of Milton. Also included in the table is the estimated percentage each hauler accounts for in the City.

*Table 4.1. Residential Collection*

Name	Percent of City
Waste Management	50%
Robertson Sanitation	18%
Community Waste Services	8%
Custom Disposal	3%
Other	21%

#### Commercial Collection

Commercial collection is open competition where businesses within the City have the option to select the service that best suits their needs. Businesses have the option for a roll-out cart or a dumpster. Dumpsters are available in different sizes ranging from four cubic yards to 30. Pickup frequency also varies depending on the needs of the given customer. The frequency of pickups ranges from weekly to daily pickups (five times a week).

Table 4.2 identifies waste haulers providing commercial collection to businesses in Milton and includes the number of customers and services provided.

*Table 4.2. Commercial Collection*

Name	Commercial Customers	Service Provided
United Waste	29	Collection/Recycling/Roll-off bins
Waste Management	48	Collection/Recycling/Roll-off bins

### C&D Collection

C&D waste collection in the City is open competition where the business or developer has the option to select their own hauler. Options for C&D waste are to self-haul waste to a transfer station/landfill or contract services from a private service.

#### 4.1.1 Drop-off Locations & Transfer Stations

Residents in Milton may also choose to deliver solid waste to various transfer stations that operate in the County. Transfer stations and drop-off locations are discussed in greater detail in the next section on Disposal.

#### 4.1.2 Yard Trimmings & Bulk Item Collection

Yard waste generally includes grass clippings, leaves, shrubs, brush, tree trimmings, and other vegetative materials generated from general maintenance of yards, lawns, and landscaping. Yard waste collection in the City of Milton is handled based on the contracts individual residents have with their waste haulers. Some waste haulers in the City provide routine collection of yard trimmings while others collect yard trimmings on an appointment basis only.

The City of Milton does not currently have a formal program in place for the collection of bulk items. Bulk item collection is handled through individual contracts residents have with their selected waste hauler. Residents in Milton can also hire 1-800-GOT-JUNK to pick up bulk items in the event that their waste hauler does not offer the service.

#### 4.1.3 Illegal Dumping / Littering

Illegal dumping and/or littering are not perceived to be a major concern in the City of Milton. However, the City does have a Public Works Ordinance (08-03-04) that prohibits illegal dumping and littering. Defined in Section 5 of this ordinance are types of activities that constitute a violation, enforcement actions, and penalties.

## 4.2 Adequacy of Collection Programs

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The main objectives with regard to waste collection in the City are to ensure that sufficient services are provided to all residents in a manner that is consistent, efficient, cost effective, and resourceful. In the event that the current arrangement for waste collection in the City is no longer meeting these objectives, the City is empowered to contract with one or more private haulers and charge residents for these services (as stated in the Public Works Ordinance 08-03-04).

Since waste collection is not currently administrated by Milton, it is the responsibility of the City to educate residents with regard to recycling, mulching, and waste reduction programs in order to meet the City's 10% waste reduction goal established for the 10-year planning period of this report.

## 4.3 Contingency Strategy

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The City of Milton has a number of options in the event that one of the existing waste haulers is no longer to conduct collection in the City. Since there are a number of waste haulers approved to work in the City, residents affected by this type of situation have the ability to contract with a different company if the current company becomes unavailable. The estimated time frame for this option to take effect would be determined by the contracted company, but the City anticipates that collection could begin within one cycle since the newly hired company is already conducting routine collection in the City.

As discussed above, the City is empowered to contract with one or more private haulers and charge residents for these services (as stated in the Public Works Ordinance 08-03-04). In the event where multiple waste haulers can no longer service the residents of Milton, the City may elect to exercise the rights defined in this ordinance. In this case, it is difficult to determine the actual timeframe for implementation of a city facilitated collection program. If the City were to pursue this type of program, residents would be informed via the City website and mailings and an interim plan for collection using existing haulers would be established to minimize the disruption of service to residents.

## 4.4 Needs & Goals

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The City has identified the following needs and goals for waste collection:

**Goals:**

- Ensure that waste collection is consistent and efficient
- Provide easy and convenient service to residents

**Needs:**

- Recycling should be more convenient to encourage better participation.
- There is a need for convenient centers in Milton for recycling drop off.
- Need to better enforce solid waste ordinance requirements for tonnage reporting
- Increase availability of single-stream recycling.
- Address the impacts to air quality due to multiple haulers making multiple trips to the same area.

- Offer recycling of electronics and bulk items
- Ensure ordinances for solid waste are clear, enforceable, and reflect the goals of this plan
- Ensure franchise fees are collected and used for solid waste related activities and infrastructure

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## 5 WASTE DISPOSAL ELEMENT

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### 5.1 Inventory & Assessment of Facilities Located in the City

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#### 5.1.1 Landfills

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The City of Milton produced a brief survey to gather information from waste haulers operating in the City. Based on the results of this survey, four landfills are used by haulers to dispose of waste collected in the City. Table 5.1 below identifies the MSW and C&D landfills utilized by waste haulers operating in the City of Milton.

*Table 5.1. Landfills*

Facility Name	Permit Number	Facility Description	Address	City	State
Chadwick Landfill	060-072D(L)	C&D	13700 Chadwick Farm Rd	Roswell	GA
Cobb County Composting Plant	033-095P(CO)	MSW / C&D	1897 County Services Pkwy	Marietta	GA
Eagle Point Landfill	058-012D(MSWL)	MSW	8880 Old Federal Rd	Ballground	GA
Pine Bluff Landfill	028-039D(SL)	MSW	13809 East Cherokee Dr	Ballground	GA

Source: Survey of Waste Haulers conducted by the City of Milton & Environmental Protection Division (EPD)

Figure 3 illustrates the locations of landfills, transfer stations, and recycling centers utilized by waste haulers operating in the City.

#### 5.1.2 Transfer Stations

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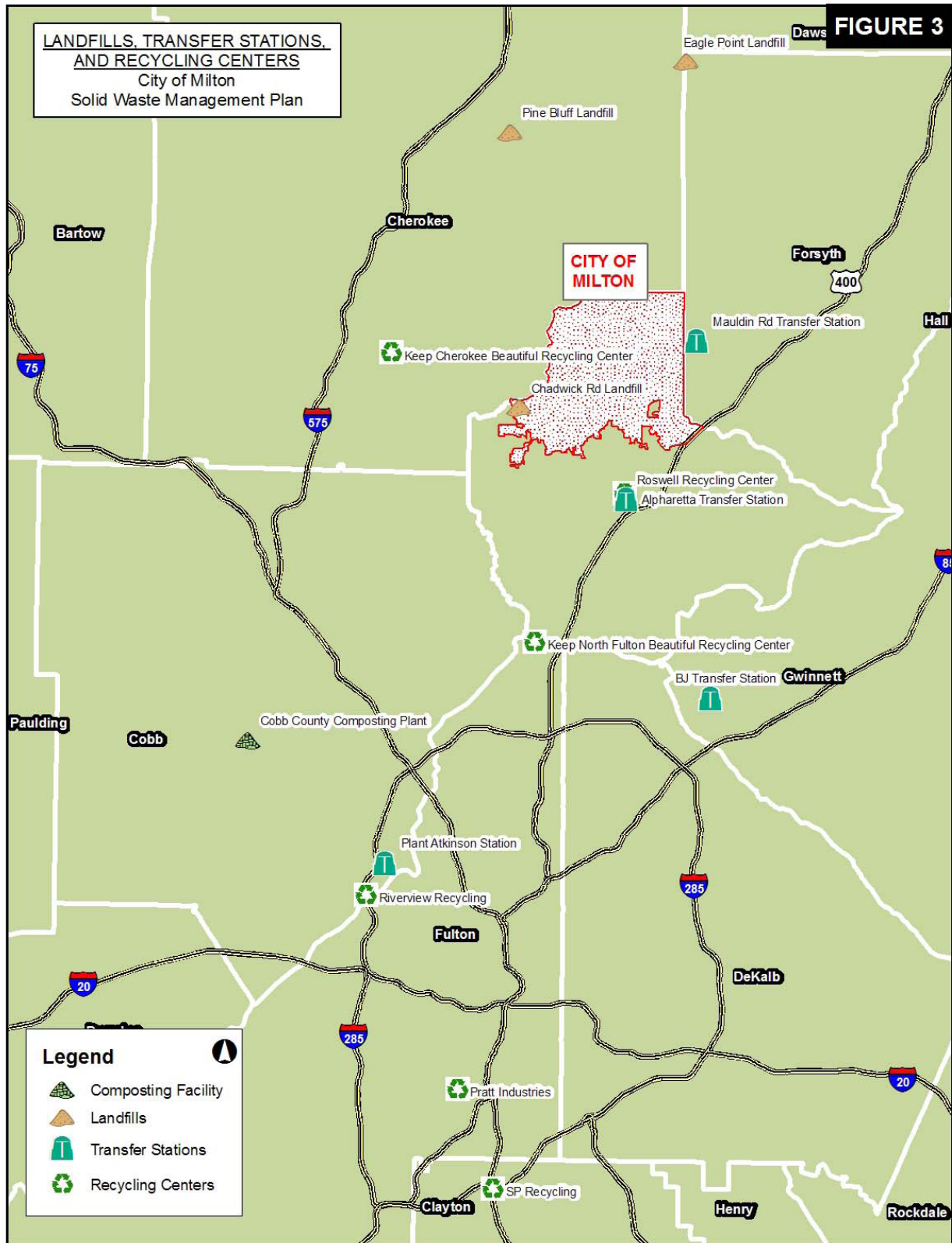
According to the information provided in the survey, the following four transfer stations are being utilized by haulers collecting waste in the City of Milton. These transfer stations and permit numbers are listed in Table 5.2 below.

*Table 5.2. Transfer Stations*

Facility Name	Permit Number	Address	City	State
Alpharetta Transfer Station	PBR-060-238TS	11465 Maxwell Rd	Alpharetta	GA
Mauldin Transfer Station	PBR-058-168TS	175 Mauldin Dr	Alpharetta	GA
BJ Sanitary Landfill & Recycling Center	PBR-067-168TS	6461 Corley Rd	Norcross	GA
Sanifill of Georgia, INC.	PBR-033-18TS	207 Plant Atkinson Rd	Smyrna	GA

Source: Survey of Waste Haulers conducted by the City of Milton & Environmental Protection Division (EPD)

Figure 5.1. Landfill, Transfer Stations, and Recycling Centers





## 5.2 Inventory & Assessment of Disposal Facilities Used by the City

A number of different disposal facilities handle waste collected in the City of Milton. As a result, these facilities collectively will have more than enough capacity to handle MSW from the City of Milton throughout the 10-year planning period of this report.

## 5.3 Assurance of 10-Year Capacity

Based on the information provided in the solid waste survey, approximately 80% of MSW collected in the City is being disposed of at the Pine Bluff Landfill. The Eagle Point Landfill handles 15% of waste collected in the City and the Cobb County Composting Plant handles roughly 5%. The assurance letters are based on the projected 452,305 tons of waste over the next ten years (as determined in the Waste Stream Analysis). The City has broken down this tonnage over the 10-year planning period based on the percentages above and has received assurance letters from Pine Bluff Landfill and Eagle Point Landfill.



The future status of the Cobb County Composting Plant as a disposal facility for the City of Milton has become uncertain throughout the process of preparing this document. As a result, the City received assurance letters from Pine Bluff (80%) and Eagle Point (20%) Table 5.3 below shows current the breakdown of waste projected to be disposed of at each facility. It should be noted that these assurance letters assume that each facility will account for roughly the same percentage of waste collected in the City over the next ten years.

*Table 5.3. Breakdown of Disposal Locations and Projected Tonnage*

	Percent	Projected Tonnage
Total Projected Waste	100.0%	452,305
Pine Bluff Landfill	80%	361,844
Eagle Point Landfill	15%	67,846
Cobb County Composting Plant	5%	22,615

Included in Appendix B are the assurance letters from the landfills accepting waste from Milton.

## 5.4 Contingency Strategy

### Natural and/or Manmade Disaster

A major disaster, whether natural or manmade has the potential to produce debris in the form of trees, sand, gravel, building/construction materials, vehicles, personal property, etc. The total quantity and

type of debris generated is a function of the location, type of event, magnitude, duration, and intensity. These factors collectively determine the approach the City will take to address the debris problem as well as the associated costs and timeframe for removal. In an effort to be better prepared for such a situation, the City has adopted an Emergency Operations Plan which provides a detailed and comprehensive action plan for Milton's first responders and support staff.

#### Current Landfill is Unable to Accept Waste from the City

There are a number of landfills within a close proximity to the City of Milton. In addition, the City of Milton has multiple waste haulers operating in the City. These waste haulers transport waste to a variety of landfills and/or waste handling facilities in the area, which makes the City less dependent on one particular site for disposal. In the event in which one of the existing facilities is no longer able to accept waste, the City (and the waste haulers) will arrange for temporary disposal at one of these facilities.

The City anticipates that there would be a seamless transition in disposal from the perspective of residents since the resident's contracted hauler would still be conducting collection. However, the transition from the existing disposal facility to a new and/or temporary facility would take place with the goal of uninterrupted service to customers. Information would be posted to the City's website and available at City Hall to inform residents and businesses about the change in service.

## 5.5 Needs & Goals

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The City has identified the following needs and goals for waste disposal:

#### **Goals:**

- Ensure space is available at landfills used by City haulers and transfer stations
- Ensure the City has in place a plan in the event of emergencies

#### **Needs:**

- Ensure space is available at landfills
- The City needs a debris management plan
- There is a need for household hazardous amnesty days/disposal locations in Milton.
- Ensure haulers in the City are properly disposing of items collected

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## 6 LAND LIMITATIONS ELEMENT

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There are a number of different factors that must be taken into consideration when selecting a suitable site for development of new landfills and/or other waste handling facilities. Demographic factors, land use factors, and environmental factors collectively place limitations and pose challenges with regard to finding an appropriate site.

Sites selected for landfills and other related facilities should not diminish the overall quality of life for residents in a community. These sites should also have a minimal impact on the natural environment. The factors discussed in this section are not designed to prohibit development within any of these areas. Rather, this discussion is included to provide guidance and consideration in an effort to minimize the adverse effects that could result from selecting a site.



### 6.1 Natural & Environmental Limitations

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This section discusses some of the restrictions with regard to where a solid waste facility can be located within a City based on federal, state, and local policy. The items discussed in this section are illustrated in Figure 4. Unless otherwise specified, the City will follow existing state regulations as they apply to the items defined below.

#### 6.1.1 Water Supply Watersheds

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*“DNR Rule 391-3-16-.01(7)(c)1 requires that at any location within a small water supply watershed, new solid waste landfills must have synthetic liners and leachate collection systems.”*

The City of Milton is intersected by two water supply watersheds: the Etowah River Watershed and the Chattahoochee River Watershed. The Etowah River Watershed accounts for the majority of land area in Milton, covering roughly 23,300 acres or 93% of the City. The Chattahoochee River Basin covers roughly 1,700 acres (7%) in the south east corner of the City near the border of Alpharetta. Synthetic liners and leachate collection systems will be required as part of any proposed solid waste landfill, per the DNR rule above.

#### 6.1.2 Groundwater Recharge Areas

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*“DNR Rule 391-3-16-.02(3)(a) requires that in significant groundwater recharge areas, DNR shall not issue permits for new solid waste landfills not having synthetic liners and leachate collection systems.”*

A groundwater recharge area is a surface land area where water that enters an aquifer is first absorbed into the ground. The southern portion of the City of Milton falls within the border of a groundwater recharge area. This area covers approximately 1,100 acres and accounts for 4% of the City. In accordance with the DNR rule above, any proposed solid waste landfill will be required to contain synthetic liners and leachate collection systems.

### 6.1.3 Wetlands

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*“DNR Rule 391-3-16-.03(3)(e) establishes that solid waste landfills may constitute an unacceptable use of a wetland.”*

*“DNR Rule 391-3-4-.05(1)(e) prohibits the development of solid waste landfills in wetlands, as defined by the U. S. Army Corps of Engineers, unless evidence is provided by the applicant to EPD that use of such wetlands has been permitted or otherwise authorized under all other applicable state and federal laws and rules.”*

The City of Milton contains roughly 1,200 acres of wetlands, which accounts for roughly 5% of the total land area in the City. Applicable DNR rules will be referenced and applicants will be required to obtain a Section 404 Permit prior to getting a Land Disturbance Permit.

### 6.1.4 River Corridors

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*“DNR Rule 391-3-16-.04(4)(h) prohibits the development of new solid waste landfills within protected river corridors.”*

The Little River flows along the western border of Milton and Cherokee County. The City will ensure that development be prohibited along this protected river corridor.

### 6.1.5 Protected Mountains

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*“DNR Rule 391-3-16-.05(4)(l) prohibits the development of new solid waste landfills in areas designated as protected mountains.”*

There are no protected mountains in the City of Milton.

### 6.1.6 Floodplains

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*“DNR Rule 391-3-4-.05(1)(d) stipulates that any solid waste landfill located in the 100-year floodplain shall not restrict the flow of the 100-year flood, reduce the temporary water storage capacity of the floodplain, or result in a washout of solid waste so as to pose a threat to human health or the environment.”*

The City of Milton contains roughly 1,770 acres of land that falls within the boundaries of the FEMA 100-year flood plain. All applicants proposing development within the 100-year floodplain are required to obtain a Section 404 Permit prior to receiving a Land Disturbance Permit.

### 6.1.7 Fault Zones, Seismic Impact Zones & Unstable Areas

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*“DNR Rule 391-3-4-.05(1)(f) focuses on fault areas and requires that new landfill units and lateral expansions of existing landfills not be located within 200 feet of a fault that has had a displacement in Holocene time, unless an alternative setback distance of less than 200 feet will prevent damage to the structural integrity of the landfill and will protect human health and the environment.”*

*“DNR Rule 391-3-4-.05(1)(g) prohibits the development of new landfills and lateral expansions of existing landfills in seismic impact zones, unless all landfill containment structures, including existing landfill liners, leachate collection systems, and surface water control systems, are designed to resist the maximum horizontal acceleration in lithified earth material for the site.”*

*“DNR Rule 391-3-4-.05(1)(h), existing landfills and lateral expansions of existing landfills located in an unstable area must demonstrate that engineering measures have been incorporated into the landfill’s design to ensure that the integrity of the structural components of the landfill will not be compromised.”*

An engineer (P.E.) or registered geologist is required to conduct a hydro-geological assessment at the proposed location of any new solid waste disposal facility. The potential for problems to result from development on fault zones, areas susceptible to seismic activity, and unstable ground are evaluated as part of this assessment. The DNR rules for each of these items are listed above.

### 6.1.8 Significant Groundwater Recharge Areas

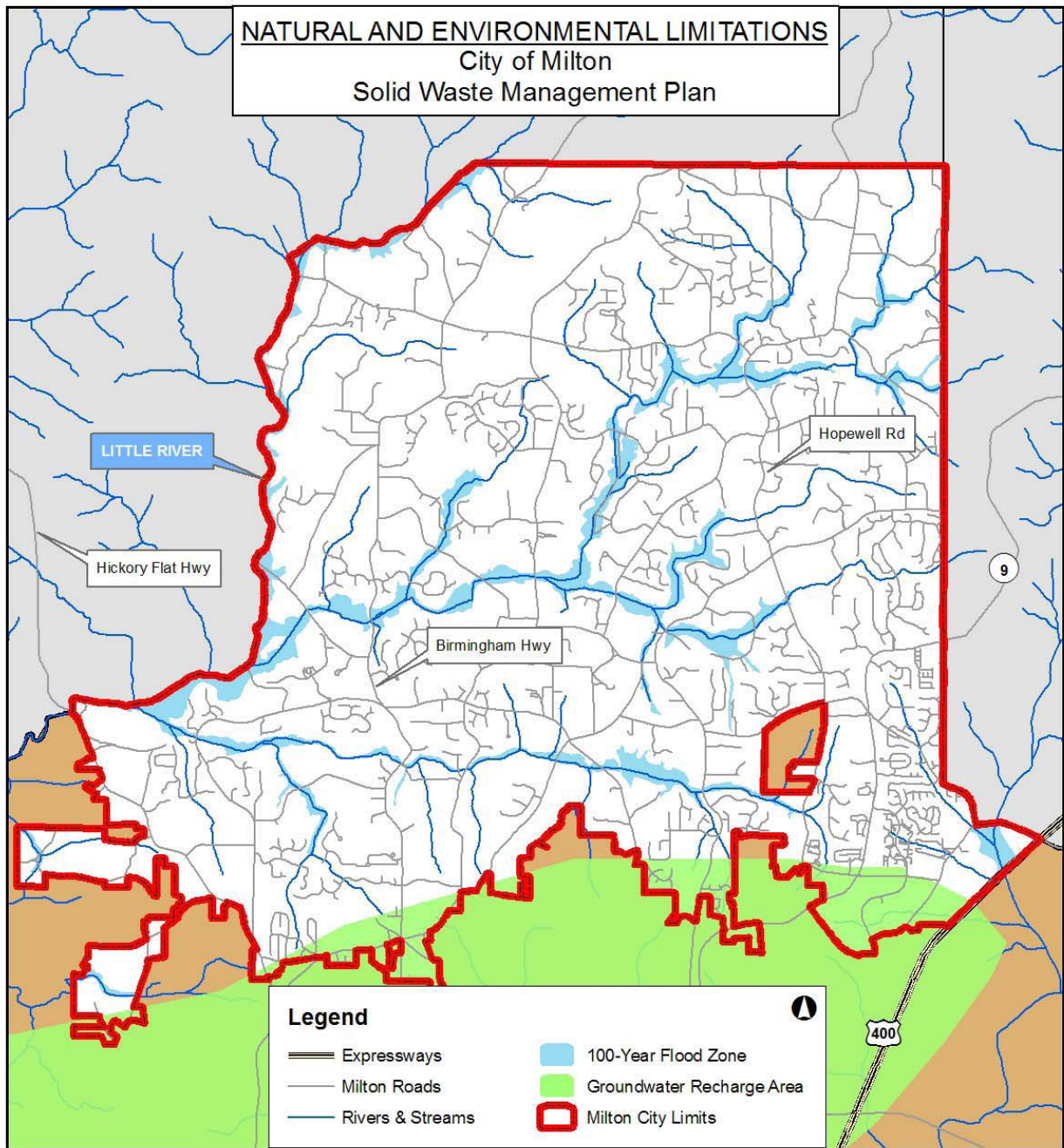
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*“DNR Rule 391-3-4-.05(1)(j) requires new solid waste landfills or expansions of existing facilities within two miles of a significant groundwater recharge areas to have liners and leachate collection systems, with the exception of facilities accepting waste generated from outside the county in which the facility is located. In that case, the facility must be totally outside of any area designated as a significant groundwater recharge area.”*

The southern portion of the City of Milton falls within the border of a significant groundwater recharge area. This area covers approximately 1,100 acres and accounts for 4% of the City. Synthetic liners and leachate collection systems will be required as part of any existing or proposed solid waste facility within two miles of the recharge area. If the facility accepts waste from outside the county, the facility will not be permitted within the groundwater recharge area, per the DNR rule above.



Figure 6.1. Natural and Environmental Limitations



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## 6.2 Land Use & Zoning Limitations

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### 6.2.1 Zoning Restrictions

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*“DNR Rule 391-3-4-.05(1)(a) requires that the site must conform to all local zoning/land use ordinances, and that written verification of such be submitted to EPD.”*

Landfills, recycling collection centers, and transfer stations are permitted in the M-2 zoning classification as stated in Section 10.1 of the City’s Zoning Ordinance. Based on the existing zoning data from the City, there are no areas currently zoned M-2. It should be noted, while current zoning classifications may prohibit or limit development of solid waste facilities, the possibility of granting a variance or other exception still exists. As a result, it is important for decisions makers to consider land uses and environmental conditions when reviewing the proposed locations of solid waste facilities.

### 6.2.2 National Historic Sites

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No nationally listed historic sites are located in the City of Milton.

### 6.2.3 Airport Safety

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*“DNR Rule 391-3-4-.05(1)(c) requires that new solid waste landfill units or lateral expansions of existing units shall not be within 10,000 feet of any public use or private use airport runway end used by turbojet aircraft or within 5,000 feet of any public use or private use airport runway end used by only piston type aircraft.”*

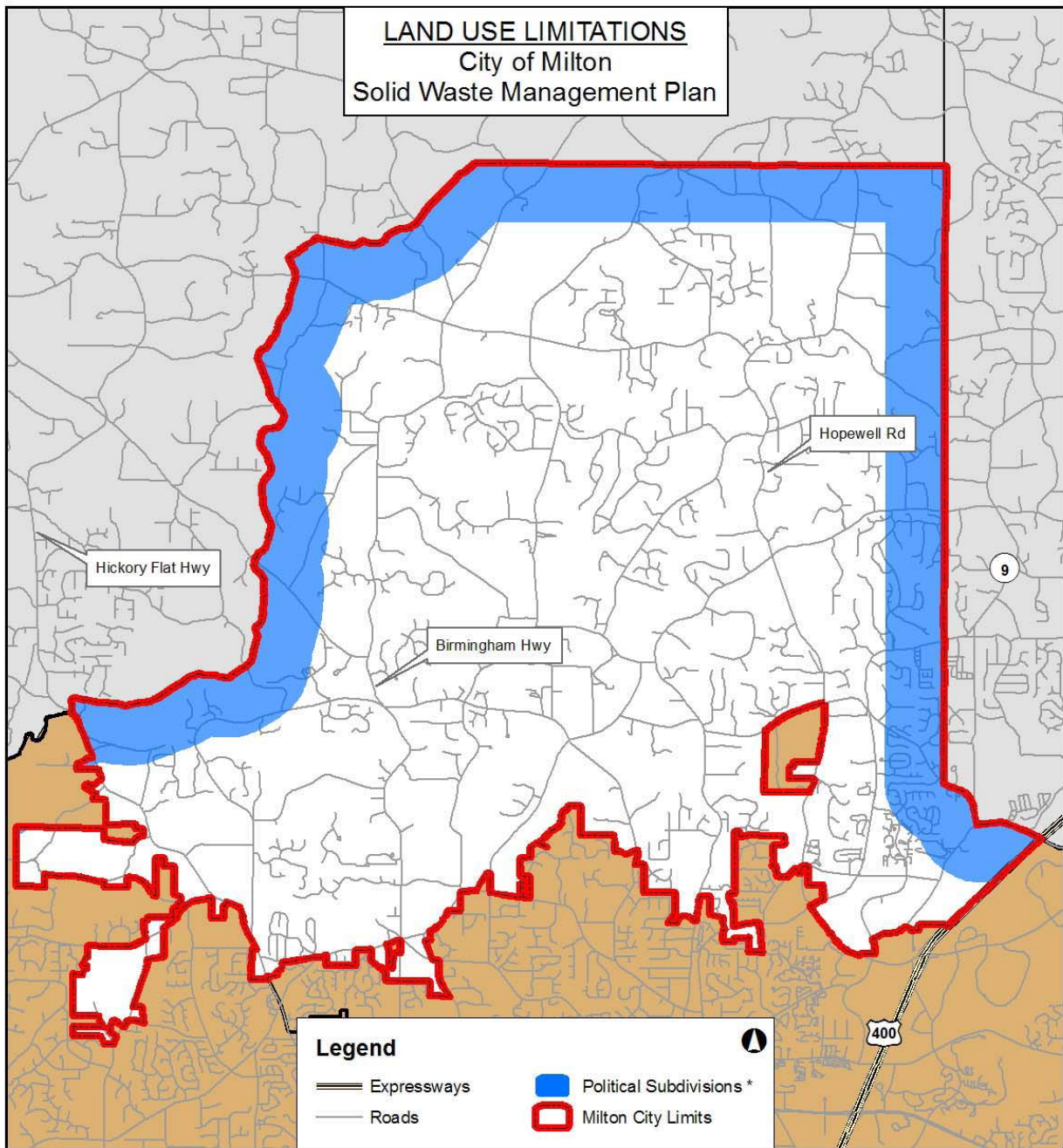
The City of Milton is not within the airport buffers discussed in the DNR rule above.

### 6.2.4 Political Subdivisions

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According to the Georgia Comprehensive Solid Waste Management Act, it is prohibited to develop an MSW landfill within one-half mile of an adjacent county’s border without the approval of the governing authority. The City of Milton is bordered by Cherokee County to the West and Forsyth County to the East. Areas of the City affected by this regulation are depicted in Figure 5.

Figure 6.2 – Land Use Limitations



\* It is illegal for a jurisdiction to develop a MSW landfill within 1/2 mile from another county without approval from the governing authority.



### 6.3 Plan Consistency

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Prior to the EPD issuing a permit for a new solid waste handling facility the facility or facility expansion must be consistent with the Solid Waste Management Plan. Milton will use the following to determine if a proposed facility is consistent with the City's Solid Waste Management Plan as well as the community vision as defined in the Comprehensive Plan.

It will be the responsibility of the site owner/operator to submit a written document to the City 60 days prior to filing for a solid waste handling permit. In short, the document must address: (1) how the proposed facility meets the goals and objectives identified in the Solid Waste Management Plan; and (2) the impact the facility will have on the community. These items and the other requirements are listed below.

1. Any proposed facility shall meet the specific goals identified in the Solid Waste Management Plan, specifically the impact on current solid waste facilities, collection, disposal, and existing reduction and recycling efforts in the City.
2. Any proposed facility and its operations plan shall minimize its impact on the community according to the following areas:
  - a. Transportation. The impact to vehicle traffic and public safety around the proposed facility and throughout the City shall not reduce the level of service by more than one letter for all roadways and intersections within 2,000 feet (without improvements).
  - b. Natural & Cultural Resources. The impact of the facility to natural and cultural resources in the City not already covered shall be minimized to the greatest extent practicable.
  - c. Rates. The impact to residential and commercial solid waste management rates shall not cause an increase in collection or disposal rates.
3. Any proposed facility shall provide financial assurance to address potential environmental issues.
4. Any proposed facility shall meet the geographic site limitations defined in this Solid Waste Management Plan.
5. Any proposed facility shall be an allowable use based on existing zoning.

The City Council will hold at least one public hearing on the proposed facility to get feedback from City residents. Notification of the public hearing will be done in accordance with the City's policy. Additionally, the meeting agenda for the hearing will be made available at City Hall and on the City's website one week prior to the hearing. Based on the results of the initial public hearing, City Council can decide whether additional public meetings are necessary. Following the public meeting(s), the City Council will evaluate the proposed facility and all related documentation for consistency with the Solid Waste Management Plan and goals established in the Comprehensive Plan. The applicant will be notified within 30 days regarding the status of the review. The City Council will either determine that the proposed facility is consistent with the Solid Waste Management Plan or document any inconsistencies. The applicant will have the opportunity to address any inconsistencies and resubmit the application to City Council for review. Once a proposed facility is considered acceptable by the City,

the Council will issue a letter to the applicant stating the facility is consistent with the Solid Waste Management Plan.

## 6.4 Needs & Goals

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The City has identified the following needs and goals with regard to land limitations:

**Goals:**

- Ensure that any new or expanded facilities are compliant with State and federal regulations as well as local requirements.
- Ensure that regulations, codes, and policies are consistent with the community's vision and desire for new facilities

**Needs:**

- Understand the future of and the owner's plans for Chadwick landfill.
- Ensure that the recommendations of this plan are consistent with the City's vision and Comprehensive Plan and are ultimately included in the City's code.

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## 7 PUBLIC EDUCATION AND INVOLVEMENT

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### 7.1 Inventory of Public Education & Involvement Programs

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A number of educational opportunities, events and programs are available to the residents of Milton. Listed below are some of the main organizations offering education and involvement opportunities to residents and businesses in the City:

- City of Milton
- Milton Grows Green
- Keep North Fulton Beautiful
- Hopewell Middle School Environmental Program
- Milton High School Environmental Club

The table below includes the name, description, organization that facilitates the program/event, and the target audience.

*Table 7.1. Public Education*

Program/Activity	Description
<b>PUBLIC EDUCATION</b>	
Website	The City's website contains information about trash collection, recycling, yard trimming pickup, water and fire restrictions, and other services offered by the City. The City's of Milton website may be found at <a href="http://cityofmiltonga.us">http://cityofmiltonga.us</a> .
E-mail	On an as-required basis, the City will e-mail bulletins specific to an immediate communication need. Examples include drought and burning restrictions, Council meetings, committee openings, special events, etc. Citizens may request being added to the City's distribution list by sending an e-mail to <a href="mailto:info@cityofmiltonga.us">info@cityofmiltonga.us</a> .
News Organizations	The <i>Milton Herald</i> , <i>The Beacon</i> , <i>Milton Neighbor</i> and <i>Atlanta Journal Constitution</i> (AJC) provide printed news regarding the City of Milton and surrounding areas. Local affiliates of ABC, CBS, NBC and FOX carry televised news stories.

Program/Activity	Description
<b>PUBLIC EDUCATION</b>	
Public Events	<p>Milton holds numerous “fun” events throughout the year offering citizens the opportunity to be a part of the City while fostering the sense of a close-knit community. Popular annual events include the annual Milton-Round-Up and the Milton Christmas Festival. Both offer opportunities to educate and involve citizens in eco-friendly activities such as Christmas tree recycling, water harvesting and committee volunteer positions. Recycling bins are provided at all public events, coordinated through the efforts of Milton Grows Green. Further, Bell Memorial Park, Hopewell Baseball and Community Waste Services (CWS) partnered to provide recycling containers throughout the park at no cost to the City.</p>

*Table 7.2. Public Involvement*

Program/Activity	Description
<b>PUBLIC INVOLVEMENT</b>	
Milton Grows Green	<p>As the 2008 recipient of the Atlanta Regional Commission’s CREATE Award, and by proclamation of Milton City Council on October 6, 2008, Milton Grows Green (MGG) advocates responsibly managed growth by conserving and protecting resources, while preserving Milton’s heritage and natural landscape for future generations. With a Governing Board consisting of thirteen volunteer citizens from across all districts and business partners, MGG will assist the city in identifying and implementing a variety of environmental activities. These include identifying and encouraging greener building practices, protecting natural resources, raising awareness through education, working towards a “green” designation for Milton and pursuing grants in coordination with other city and community initiatives. For more information or to volunteer, contact Milton Grows Green at <a href="mailto:MiltonGrowsGreen@earthlink.net">MiltonGrowsGreen@earthlink.net</a>.</p>
Adopt-A-Road	<p>The Adopt-A-Road program offers residents, businesses and organizations the opportunity to get more involved in keeping Milton’s roadsides litter free. A newly designed Milton specific Adopt-A-Road sign clearly identifies the adopting individual, business or organization by placing a plaque under the main sign. Milton’s Adopt-A-Road program is administered by Milton Grows Green and may be contacted at <a href="mailto:MiltonGrowsGreen@earthlink.net">MiltonGrowsGreen@earthlink.net</a> for adoptee information.</p>

Program/Activity	Description
<b>PUBLIC INVOLVEMENT</b>	
Rivers Alive	Sponsored by the Georgia Department of Natural Resources and Georgia Department of Community Affairs, Rivers Alive is an annual volunteer cleanup event, generally held in October, targeting Georgia's 70,150 miles of waterways including streams, rivers, lakes, beaches and wetlands. Concentrating on Little River, Chicken Creek and other waterways in the Etowah and Coosa Basins, for over twelve years, Bailey Farm and Gardens, Inc. has organized hundreds of volunteers from scouts, church groups, schools and other civic minded organizations in cleaning up Milton waterways. For more information about Rivers Alive programs in Milton, contact MiltonGrowsGreen@earthlink.net or Bailey Farm and Gardens, Inc. at BaileyFarmAndGardens@mindspring.com.
Adopt-A-Stream	With over 14,000 statewide volunteers, the Georgia Adopt-A-Stream program, through the Water Protection Branch of the Georgia Environmental Protection Division, collects data and monitors water quality elements in Georgia's creeks and streams. Locally, the <i>Milton Grows Green Environmental School Program</i> piloted at Hopewell Middle School, with assistance from TAG Science teacher, Mr. Tom Sewell, and in conjunction with Bailey Farm and Gardens, Inc., has trained numerous students, parents and teachers in water monitoring techniques. For more information or to get involved, contact MiltonGrowsGreen@earthlink.net.
Bring One For The Chipper	The state's annual Christmas tree recycling program, locally sponsored by Milton Grows Green, Freeman Tree Care and the Milton Public Safety Department, Christmas tree recycling promotes eco-friendly alternatives to disposing trees in local landfills. Recycled trees are used for mulch, fuel and fish habitats. Since 1991, more than 2,000,000 tree seedlings have been distributed to Christmas tree recyclers. For more information contact MiltonGrowsGreen@earthlink.net.
Storm Drain Marking	Coordinated by Milton Grows Green, with the goal of educating citizens on the proper use of our storm drain systems, the initial Milton-specific pilot recruited volunteers from the Girl Scouts, Eco-Explorers and Hopewell Middle School in placing more than 100 markers on storm drains throughout Milton's many neighborhoods. This is expected to be an ongoing project with over 300 storm drains scheduled to be marked by the end of 2009. For more information or to get involved, contact MiltonGrowsGreen@earthlink.net.

## 7.2 Adequacy of current Public Education and Involvement Programs

Current programs in Milton place the majority of focus on education and volunteerism. The website, newspaper, and brochures are all great methods of providing residents with information. However, as illustrated in the table above, Milton offers a number of public involvement opportunities with little cost to the City. As Milton moves forward with implementation of the Solid Waste Plan, a more coordinated approach to public involvement should be pursued in order to facilitate the 10% waste reduction goal established for this plan.

### 7.3 Needs & Goals

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The City has identified the following needs and goals with regard to public education and involvement:

**Goals:**

- Increase avenues of public education and involvement
- Increase awareness of existing opportunities for recycling and proper solid waste disposal.
- Encourage a reduction in generation of household waste through education.

**Needs:**

- Promote businesses that offer recycling.
- Promote on-site composting.
- The City needs to better publicize amnesty events that it participates in or sponsors with other jurisdictions/agencies.
- The City should consider a Milton-sponsored amnesty event.
- There needs to be more education for both citizens and businesses on the available recycling options.
- Promote home composting and chipping
- Hold a Household Hazardous Waste event
- Promote recycling at all public City events.
- Expand outreach to schools and businesses.
- There needs to be more coordination between City Staff, Milton Grows Green, and other groups in with shared goals

**8 IMPLEMENTATION PROGRAM**

**8.1 Summary of Needs and Goals**

The needs and goals identified in the waste reduction, collection, disposal, land limitations, and public education and involvement sections are summarized below.

*Table 8.1. Summary of Needs and Goals*

REDUCTION	Goals	Achieve the waste reduction goal established in the Solid Waste Management Plan
		Increase participation in residential and commercial recycling
		Reduce the generation of solid waste through source reduction
		Encourage / increase waste reduction in schools
	Needs	People need credit/incentives/rewards for recycling
		There is a need for a compost site for yard waste
		Expand options for workplace recycling
		There needs to be better enforcement of the requirements for haulers to offer recycling to residential customers
		Source reduction education
		Identify and locate a recycling center in or near the City. This site should “fill in the gap” between existing stations in surrounding jurisdictions
COLLECTION	Goals	Ensure that waste collection is consistent and efficient
		Provide easy and convenient service to residents
	Needs	Recycling should be more convenient to encourage better participation
		There is a need for convenient centers in Milton for recycling drop off
		Need to better enforce solid waste ordinance requirements for tonnage reporting
		Increase availability of single-stream recycling
		Address the impacts to air quality due to multiple haulers making multiple trips to the same area
		Offer recycling of electronics and bulk items
		Ensure ordinances for solid waste are clear, enforceable, and reflect the goals of this plan
		Ensure franchise fees are collected and used for solid waste related activities and infrastructure
DISPOSAL	Goals	Ensure space is available at landfills used by City haulers and transfer stations
		Ensure the City has in place a plan in the event of emergencies
	Needs	Ensure space is available at landfills
		The City needs a debris management plan
		There is a need for household hazardous amnesty days/disposal locations in Milton
		Ensure haulers in the City are properly disposing of items collected

LAND LIMITATIONS	Goals	Ensure that any new or expanded facilities are compliant with State and federal regulations as well as local requirements
		Ensure that regulations, codes, and policies are consistent with the community's vision and desire for new facilities
	Needs	Understand the future of and the owner's plans for Chadwick landfill
		Ensure that the recommendations of this plan are consistent with the City's vision and Comprehensive Plan and are ultimately included in the City's code.
PUBLIC EDUCATION AND INVOLVEMENT	Goals	Increase avenues of public education and involvement
		Increase awareness of existing opportunities for recycling and proper solid waste disposal
		Encourage a reduction in generation of household waste through education
	Needs	Promote businesses that offer recycling
		Promote on-site composting
		The City needs to better publicize amnesty events that it participates in or sponsors with other jurisdictions/agencies
		The City should consider a Milton-sponsored amnesty event
		There needs to be more education for both citizens and businesses on the available recycling options
		Promote home composting and chipping
		Hold a Household Hazardous Waste event
		Promote recycling at all public City events
		Expand outreach to schools and businesses
		There needs to be more coordination between City Staff, Milton Grows Green, and other groups in with shared goals



## 8.2 Implementation Strategy

This section identifies the specific tasks/activities, timeframe for implementation, responsible party, estimated costs and funding source for the items identified in this report. The short-term work program is defined as the first five years of the implementation strategy and is designed to ensure that the City of Milton moves forward with the goals and more specifically, the projects identified in this plan. The short-term work program will be submitted to the DCA every five years to demonstrate that the City has implemented the tasks outlined below.

*Table 8.2. Implementation Strategy*

Activity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Year to Complete	Responsible Party	Cost Estimate	Funding Source
<b>Waste Reduction</b>															
Make curbside recycling mandatory for residents			X									2010	PWD	To Be Determined	Capital Fund
Make recycling mandatory for businesses			X									2010	PWD	To Be Determined	Capital Fund
Milton should participate in "Freecycle.org" or similar program that promotes the re-use of items otherwise sent to landfills			X	X	X	X	X	X	X	X	X	2009	Volunteer / Citizen groups	Volunteer	Volunteer
Survey the existing businesses to see what recycling programs they participate in or would like to have available to them.			X									2010	City Staff	Staff Time	Capital Fund
Require recycling and solid waste areas in the site plans for new commercial development		X										2009	City Staff	Staff Time	Capital Fund
Study the feasibility for the City to collect fees and establish a City coordinated single-stream recycling program		X	X									2010	PWD	Staff Time	Capital Fund
Investigate the potential for a "pay-as-you-throw" program			X									2010	PWD	Staff Time	Capital Fund
Coordinate with the City of Roswell Recycling Center to explore opportunities for Milton to utilize this facility.		X	X									2010	PWD	Staff Time	Capital Fund

Activity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Year to Complete	Responsible Party	Cost Estimate	Funding Source
Identify potential drop off locations for recyclables and bulk items within the City.			X	X								2011	City Staff	Staff Time	General Fund
Establish an award / recognition program for businesses that recycle (either through the City or MGG).			X									2010	PWD / MGG / TARA	Staff Time	Capital Fund
Require haulers to include recycling in their cost of service		X	X									2010	City Staff	Staff Time	Capital Fund
Set up a system to better track tonnage collected and progress toward the reduction goal		X	X									2010	City Staff	Staff Time	Capital Fund
Encourage the use of household trash compactors		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Work with the Milton Schools to establish quarterly waste reduction / recycling competitions			X									N/A	PWD / TARA	Staff Time	General Fund
Pursue grants related to waste reduction			X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	Capital Fund
<b>Waste Collection</b>															
Identify potential locations for a recycling facility.			X									2010	City Staff	Staff Time	Capital Fund
Establish a local facility in Milton to accommodate recycling drop off. Coordinate with the Roswell Recycling Facility.			X									2010	City Staff	To Be Determined	Capital Fund
Evaluate and revise existing solid waste ordinance to ensure it is adequate and enforceable		X	X									2010	Planning / Zoning	To Be Determined	General Fund
Enforce reporting requirements for haulers		X	X	X	X	X	X	X	X	X	X	N/A	PWD	Staff Time	Capital Fund
Conduct regular cleanups in areas with litter and known hot spots for illegal dumping		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	Capital Fund
Audit haulers in the City to determine if any are operating illegally.		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	Capital Fund
<i>Consider one or more of the following:</i>															
1. Require Homeowners association to contract with one hauler.			X									2010	PWD	Staff Time	Capital Fund

Activity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Year to Complete	Responsible Party	Cost Estimate	Funding Source
2. Break the city into zones and contract with one hauler for each zone.			X									2010	PWD	Staff Time	Capital Fund
3. The City will contract with one or more haulers to perform solid waste pickup in the City.			X									2010	PWD	Staff Time	Capital Fund
4. The City will contract with one or more haulers to pick up recycling, yard waste and/or bulk items.			X									2010	PWD	Staff Time	Capital Fund
<b>Waste Disposal</b>															
Identify and confirm Debris Management sites in Milton.		X	X									2010	City Staff	Staff Time	General Fund
Perform environmental permitting and get applicable land use variances for these sites in accordance with EPD requirements.		X	X									2010	City Staff	Staff Time	General Fund
Comply with state and federal regulations that deal with facilities and operations		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Audit the private haulers to determine where they are disposing of the waste collected.		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
<b>Land Limitations</b>															
Coordinate this plan with the Milton CPAC committee.		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Identify any additional limiting factors that the City wishes to consider beyond that which is required by EPD.		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Maintain City maps/GIS database with regard to environmental, land use, and zoning limitations for solid waste facilities within the City.		X	X	X	X	X	X	X	X	X	X	N/A	GIS	Staff Time	General Fund
Explore and eliminate any loopholes in the City's zoning code and special use permit requirements that will allow for the siting of unwanted solid waste facilities.		X	X	X	X	X	X	X	X	X	X	N/A	Planning / Zoning	Staff Time	General Fund

Activity	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Year to Complete	Responsible Party	Cost Estimate	Funding Source
Enforce siting requirements for any new facility based on the consistency with the Solid Waste Management Plan		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Conduct an inventory of sites in the City that have the potential to be used as a drop off location for recyclables and/or bulk items.		X	X									2010	GIS	Staff Time	General Fund
Ensure zoning requirements and allowances are consistent with the solid waste management plan		X	X	X	X	X	X	X	X	X	X	N/A	Planning / Zoning	Staff Time	General Fund
Identify potential sites for a recycling center and ensure that its zoning is consistent with this use.		X	X									2010	Planning / Zoning	Staff Time	General Fund
<b>Public Education</b>															
Add information to the City's website to recognize businesses in the community that do a good job of recycling and reducing waste.		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Hold an Amnesty Day in the City twice a year		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	\$10,000 per year	Capital Fund
Establish an email blast to get the word out about public education and involvement opportunities.		X	X	X	X	X	X	X	X	X	X	N/A	Various Groups	Staff / Civic Groups	General Fund
Produce an information packet for new residents to educate people about City services as well as waste reduction, recycling, composting, and disposal/drop off locations			X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund
Explore the potential for a composting site in the City		X										2009	City Staff	Staff Time	General Fund
Have the TARA committee speak to various groups about solid waste related topics		X	X	X	X	X	X	X	X	X	X	N/A	TARA	Volunteer	General Fund
Explore a organics recycling program / facility				X								2011	City Staff	Staff Time	General Fund
Hold a Household Hazardous Amnesty event			X									2010	City Staff / MGG	\$20,000 per year	General Fund
Add links to the City's website for related websites, such as school, Homeowners Associations, etc.		X	X	X	X	X	X	X	X	X	X	N/A	City Staff	Staff Time	General Fund

### 8.3 Plan Updates & Amendments

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The City will review the implementation strategy on an annual basis to ensure the short-term work program is on schedule. The implementation strategy and short-term work program will be updated every few years as necessary to account for unforeseen needs and goals that were not identified in the initial Solid Waste Management Plan.

### 8.3 Plan Updates & Amendments

---

The City will review the implementation strategy on an annual basis to ensure the short-term work program is on schedule. The implementation strategy and short-term work program will be updated every few years as necessary to account for unforeseen needs and goals that were not identified in the initial Solid Waste Management Plan.





## CITY OF MILTON, GEORGIA

Joe Lockwood, Mayor

### CITY COUNCIL

Karen Thurman  
Julie Zahner Bailey  
Bill Lusk  
Burt Hewitt  
Tina D'Aversa  
Alan Tart

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Wednesday, February 18, 2009      Regular Council Meeting Agenda      6:00 PM

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INVOCATION - Councilmember Bill Lusk

**1) CALL TO ORDER**

**2) ROLL CALL**

**3) PLEDGE OF ALLEGIANCE** *(Led by the Mayor)*

**(Agenda Item No. 09-805)**

**4) Approval of a Resolution Appointing Christopher J. Lagerbloom as City Manager.**

*(Presented by Joe Lockwood, Mayor)*

**(Agenda Item No. 09-792)**

**5) APPROVAL OF MEETING AGENDA** *(Add or remove items from the agenda)*

**6) PUBLIC COMMENT**

**7) CONSENT AGENDA**

**(Agenda Item No. 09-793)**

**1. Approval of the January 31, 2009 Special Called Work Session Minutes.**

*(Jeanette Marchiafava, City Clerk and Clerk of the Court)*

**(Agenda Item No. 09-794)**

**2. Approval of the February 2, 2009 Regular Meeting Minutes.**

*(Jeanette Marchiafava, City Clerk and Clerk of the Court)*

**(Agenda Item No. 09-795)**

**3. Approval of the following task order:**

- a. February 2, 2009 – Task Order 09-SSI-04 from Street Smarts, Inc. for survey staking at Crabapple Community House with a total cost of \$1,758.92.

*(Dan Drake, Public Works Director)*

Page 1 of 3

Milton City Hall  
City Council Chambers  
13000 Deerfield Parkway, Suite E  
Milton, GA 30004

***Persons needing special accommodations in order to participate in any City meeting should call 678-242-2500.***



**8) REPORTS AND PRESENTATIONS**

1. Special Recognition of the Milton Grows Green (MGG) Committee recipients of the CREATE Community Local Government Innovation Award in the category of Community Building and Involvement from the Atlanta Regional Commission.  
*(Presented by Mayor Joe Lockwood, Mayor, and Councilmember Julie Zahner Bailey)*

**9) PUBLIC HEARINGS**

1. Public Hearing and Presentation by the Trash and Recycling Advisory (TARA) Committee of the Draft Solid Waste Management Plan.  
*(Presented by the TARA Committee)*

**ALCOHOL BEVERAGE LICENSE APPLICATIONS****(Agenda Item No. 09-796)**

2. Approval of Alcohol Beverage License Application for YPL, Inc. d/b/a Xian China Bistro located at 5316-A Windward Pkwy, Milton, Georgia. The applicant is Yen Po Lin (new owner) for Consumption on Premises – Wine/Malt Beverage/Distilled Spirits.  
*(Presented by Stacey Inglis, Finance Manager)*

**(Agenda Item No. 09-797)**

3. Approval of Alcohol Beverage License Application for MJG Enterprises, LLC d/b/a Michael's 57 Grille located at 2955 Bethany Bend, Milton, Georgia. The applicant is Michael Allen for Consumption on Premises – Wine/Malt Beverage.  
*(Presented by Stacey Inglis, Finance Manager)*

**END OF PUBLIC HEARINGS****10) FIRST PRESENTATION** *(None)***11) ZONING AGENDA** *(None)***12) UNFINISHED BUSINESS****(Agenda Item No. 09-798)**

1. Approval of a Resolution Amending Resolution No. 09-02-77, A Resolution to Create a Committee to Serve as the Highway 9 Design Guideline Committee for Potential Revision to the Highway 9 Overlay District of the City of Milton Zoning Ordinance by appointing committee members.  
*(Presented by Alice Wakefield, Community Development Director)*

**(Agenda Item No. 09-799)**

2. Approval of a Resolution Amending Resolution No. 09-02-78, A Resolution to Create a Committee to Serve as the Historic Preservation Committee for Development of a Historic Preservation Ordinance for the City of Milton by appointing committee members.  
*(Presented by Alice Wakefield, Community Development Director)*

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Milton City Hall  
City Council Chambers  
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Milton, GA 30004

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**(Agenda Item No. 09-800)**

3. Approval of a Resolution Amending Resolution No. 09-02-79, A Resolution to Create a Citizen Advisory Committee for City of Milton Concept Plans for the Intersections of Birmingham at Providence and Arnold Mill at New Providence by appointing committee members.

*(Presented by Dan Drake, Public Works Director)*

**(Agenda Item No. 09-801)**

4. Approval of a Resolution Amending Resolution No. 09-01-72, A Resolution to Create the Milton Parks and Recreation Advisory Board and to Adopt the Milton Parks and Recreation Ordinance by Adding a Board Member from the Hopewell Youth Association.

*(Presented by Brad Chambers, Parks and Recreation Representative)*

**13) NEW BUSINESS****(Agenda Item No. 09-789)**

1. Approval of a Crooked Creek Amenity Area Right-of-Way Exchange.

*(This item was deferred February 2, 2009.)*

*(Presented by Dan Drake, Public Works Director)*

**(Agenda Item No. 09-784)**

2. Approval of a Resolution Adopting the Local Emergency Operations Plan for the City of Milton.

*(Presented by ML Marietta, Planning and Emergency Management Coordinator)*

**(Agenda Item No. 09-802)**

3. Approval of a Resolution expressing the City's support for the development of Police Academy at Reinhardt College in partnership with the several municipalities of the North Fulton area.

*(Presented by ML Marietta, Planning and Emergency Management Coordinator)*

**(Agenda Item No. 09-803)**

4. Approval of a contract from AT&T providing high speed data and Internet connection between Milton City Hall and Alpharetta Dispatch Center.

*(Presented by Kelley Christy, IT Manager)*

**14) MAYOR AND COUNCIL REPORTS****15) STAFF REPORTS****16) EXECUTIVE SESSION** *(if needed)***(Agenda Item No. 09-804)****17) ADJOURNMENT**



## CITY OF MILTON, GEORGIA

Joe Lockwood, Mayor

### CITY COUNCIL

Karen Thurman  
Julie Zahner Bailey  
Bill Lusk  
Burt Hewitt  
Tina D'Aversa  
Alan Tart

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Monday, April 13, 2009

Regular Council Meeting Agenda

6:00 PM

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INVOCATION - Reverend William Burke (retired) – Morning Star Chapel

**1) CALL TO ORDER**

**2) ROLL CALL**

**3) PLEDGE OF ALLEGIANCE** *(Led by the Mayor)*

**(Agenda Item No. 09-829)**

**4) APPROVAL OF MEETING AGENDA** *(Add or remove items from the agenda)*

**5) PUBLIC COMMENT**

**6) CONSENT AGENDA**

**(Agenda Item No. 09-830)**

1. Approval of the March 9, 2009 Work Session Minutes.  
*(Jeanette Marchiafava, City Clerk and Clerk of the Court)*

**(Agenda Item No. 09-831)**

2. Approval of the March 16, 2009 Regular Meeting Minutes.  
*(Jeanette Marchiafava, City Clerk and Clerk of the Court)*

**(Agenda Item No. 09-832)**

3. Approval of an Agreement to Assign Office Lease.  
*(Ken Jarrard, City Attorney)*

**(Agenda Item No. 09-833)**

4. Approval of contract with Marriott Evergreen Conference Center (Retreat of the Mayor and Council).  
*(Chris Lagerbloom, City Manager)*

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City Council Chambers  
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Milton, GA 30004

***Persons needing special accommodations in order to participate in any City meeting should call 678-242-2500.***

**(Agenda Item No. 09-834)**

5. Approval of the following plats:
- |    |                   |            |                       |
|----|-------------------|------------|-----------------------|
| 1) | The Manor 1-B     | revision   | Revise lot 9          |
| 2) | The Hampshires II | revision   | Add drainage easement |
| 3) | Pure Property     | minor plat | create two lots       |
- (Alice Wakefield, Community Development Director)*

**(Agenda Item No. 09-835)**

6. Approval of the renewal of the Intergovernmental Agreement for the provision of animal control services between Fulton County and the City of Milton.
- (Chris Lagerbloom, City Manager)*

**7) REPORTS AND PRESENTATIONS**

1. Patriots Day Proclamation.  
*(Presented by Councilmember Bill Lusk, and the Sons of the American Revolution)*
2. Georgia Cities Week Proclamation.  
*(Presented by Allie Taylor, Communications Specialist)*

**8) PUBLIC HEARING**

1. Public Hearing on Solid Waste Management Plan and approval to submit Draft Solid Waste Management Plan on April 15, 2009 to Atlanta Regional Commission (ARC) and Department of Community Affairs (DCA).  
*(Dan Drake, Public Works Director)*

**9) FIRST PRESENTATION****(Agenda Item No. 09-836)**

1. **U09-02/VC09-02** - 15150 Birmingham Hwy, Application by Robb Nestor to obtain a use permit for a landscaping business on 3.926 acres at a density of 387.92 square feet per acre (Article 19.4.27). Applicant is also requesting concurrent variance to allow access from a local street (Article 19.4.27.B.1).  
*(Presented by Alice Wakefield, Community Development Director)*

**(Agenda Item No. 09-837)**

2. **RZ09-01**- To amend Article 33 “Signs” of the City of Milton Zoning Ordinance to clarify the height restriction of various signs and to amend the “Considerations” for sign variances.  
*(Presented by Alice Wakefield, Community Development Director)*

**(Agenda Item No. 09-838)**

3. Approval of an Ordinance of the Mayor and Council of the City of Milton, Georgia, to allow a waiver of the penalty of the base amount of past due ad valorem taxes on a case by case basis, to allow for payment of past due ad valorem taxes in installments, and for other purposes.  
*(Presented by Ken Jarrard, City Attorney)*

**10) UNFINISHED BUSINESS****(Agenda Item No. 09-839)**

1. Amendment of Resolution No. 09-03-85, A Resolution to Create a Committee to Serve as the Highway 9 Design Guideline Committee for the Potential Revision to the Highway 9 Overlay District of the City of Milton Zoning Ordinance by Adding Committee Members.

*(Presented by Alice Wakefield, Community Development Director)*

**11) NEW BUSINESS****(Agenda Item No. 09-840)**

1. Approval of a contract with EDAW, Inc. to prepare and develop a Parks and Recreation Comprehensive Assessment for the City of Milton.

*(Presented by Brad Chambers, Parks and Recreation Representative)*

**(Agenda Item No. 09-841)**

2. Acceptance of Bethany Road Petition.

*(Presented by Dan Drake, Public Works Director)*

**(Agenda Item No. 09-842)**

3. Approval for an Application to the Department of Justice for a 2009 COPS Hiring Grant.

*(Presented by ML Marietta, Assistant to the City Manager)*

**(Agenda Item No. 09-843)**

4. Approval of a Resolution of the City Council of Milton to Enter into a Contractual Agreement with ECOS Environmental Design, Inc. as the Comprehensive Plan/Committee Agenda Public Participation Facilitator.

*(Presented by Alice Wakefield, Community Development Director)*

**12) MAYOR AND COUNCIL REPORTS****13) STAFF REPORTS****14) EXECUTIVE SESSION**

1. The purpose of the Executive Session is to discuss potential litigation and personnel.

**(Agenda Item No. 09-844)****15) ADJOURNMENT**

# CITY OF MILTON



## SOLID WASTE MANAGEMENT PLAN

Presented to:  
City of Milton

August 11, 2008



## OVERVIEW

### Minimum Planning Standards & Requirements:

- Waste Disposal Stream Analysis
- Waste Reduction
- Collection
- Disposal
- Land Limitations
- Public Education & Involvement
- Implementation Schedule



## INTRODUCTION / WASTE STREAM ANALYSIS

- Planning Area
- Natural Resources
- Population
- Seasonal Population
- Number of Households
- Economic Activity
- Public Involvement During the Planning Process
- Unique Conditions and/or Seasonal Variations (ex. Spring/Fall Yard Trimmings)
- Waste Generating Disasters (Hurricanes, Major Rain Events)
- Types of businesses/industries
- Disposal Rates
- Population Projections



## WASTE REDUCTION ELEMENT

### Recycling Programs



### Yard Trimmings



### Special Materials



- Needs and Goals

## COLLECTION ELEMENT

### Inventory of Collection Programs:

- Curbside Collection
- Drop-off Locations / Transfer Stations
- Yard Trimmings & Bulk Item Collection
- Illegal Dumping & Littering
- Needs and Goals



## DISPOSAL ELEMENT

### Inventory of Disposal Facilities:

- Landfills
- Transfer Stations
- Contingency Strategy
- Needs and Goals





## LAND LIMITATIONS ELEMENT

### Environmental Limitations:

- Water Supply Watersheds
- Wetlands
- Flood Plains
- Groundwater Recharge Zones
- Protected Rivers



### Land Use Limitations:

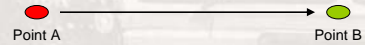
- Zoning Constraints
- Political Subdivisions
- Proximity to Airports
- Proximity to Neighborhoods
- Historic Sites



## IMPLEMENTATION PLAN

### Short Term Work Program

- Brief description of the activity
- Timeframe for undertaking the activity
- Responsible party for implementing the activity
- Estimated cost (if any) of implementing the activity
- Funding sources



## SOLID WASTE STAKEHOLDER COMMITTEE

### Project Team

- City Manager
- Public Works Director
- Community Development Director
- Consultants

### Selection of Committee Member

- Council / Mayor Appoint one person each (7)
- Waste Management (1)
- Waste Haulers (2)
- Keep North Fulton Beautiful (1)
- Department of Community Affairs (1)
- Atlanta Regional Commission (1)



## SOLID WASTE STAKEHOLDER COMMITTEE

### Meetings / Commitment

- Kick-off Meeting
- Advisory Committee Meetings (5)
  - Meeting 1 – Waste Stream Analysis
  - Meeting 2 – System Analysis
  - Meeting 3 – Identification of Needs and Goals
  - Meeting 4 – Implementation Program
  - Meeting 5 – Open House
- Public Hearings (2)

City of Milton  
Solid Waste Management Plan  
Public Participation Plan

**AUGUST 2008**

**DRAFT**



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## INTRODUCTION

The word community can be defined as a population of people living in a common location. There can be a wide variation when it comes to the basic social, professional, economic, and political values of the residents that make up a community. In preparing a Solid Waste Management Plan (SWMP), it is important to work with citizens to identify the issues and challenges unique to their community. The planning process begins with an evaluation of the current strengths and needs of the community followed by a vision for the future. This Public Participation Plan is designed to give citizens the opportunity to take part in the planning process, to gain support for proposed programs from the public, and to produce a document that best reflects the overall vision for the community. An innovative and public involvement program will ensure that the public feels vested in results of the planning process.

The Department of Community Affairs (DCA) requires that the City of Milton prepare a SWMP as outlined in the Rules for Comprehensive Planning, Chapter 110-4-3 for the planning period beginning in 2008 and ending in 2018. The Minimum Planning Standards and Procedures for the Solid Waste Plan include the five core elements as listed below:

- Waste Reduction
- Collection
- Disposal
- Land Limitation
- Education & Public Involvement

The public participation program will include a review and assessment of each of the solid waste planning elements for the City of Milton. The waste disposal stream analysis, solid waste planning elements, and the implementation plan will all be vetted through this public process. The City has elected to implement a public participation program that focuses on the formation of a citizen committee that will be the conduit for the majority public input. This program will exceed the minimum standards for public involvement as required by DCA. The City recognizes that issues such as recycling and service delivery are important to the citizen of Milton and therefore should be vetted through an open public process.

## PUBLIC PARTICIAPTION STRATEGY

The purpose of the Public Participation Plan is to provide citizens the opportunity to participate in the development of the SWMP. An effective public participation program should be designed to educate the public as well as provide an opportunity for citizens to be part of the planning process. The participation strategies outlined in this report have been selected to assure that citizens understand the planning process and that multiple opportunities for public involvement exist.

The following strategies have been selected by the City as part of the public involvement process and are discussed in this report:

- A Technical Advisory Committee, named “Trash and Recycling Advisory Committee” or TARA
- Opinion Survey
- Handouts
- Website
- Cable Channel
- Public Hearings

In many circumstances, informing and educating the public is not enough. The most successful strategy is one that also gets citizens involved in the decision making process that will shape the future of their community. The City intends to accomplish this goal by providing various levels of public involvement, which have the potential to reach all citizens. Implementing the tasks outlined in this report will improve the overall quality of the SWMP by defining the values of the community and working together to accomplish those goals. Additionally, involving the public during the planning stage will help to garner support for the SWMP and its eventual implementation.

## IDENTIFICATION OF PUBLIC PARTICIPATION TECHNIQUES

### TRASH AND RECYCLING ADVISORY COMMITTEE (TARA)

A great part of the success of the SWMP will be dependent on stakeholder involvement conducted primarily through the technical advisory committee, TARA. Effective involvement in TARA of key individuals/groups from the community will ensure that the SWMP gains community wide support, addresses the issues and concerns of the general population, and is ultimately implemented. The benefits of stakeholder involvement include:

- Citizens increasingly desire to be involved in decisions that affect their community.
- People with different areas of expertise contribute ideas, resulting in a well thought out plan with better solutions.
- By allowing residents, special interest groups, and business leaders to be involved, planners and decision makers have the chance to think “outside the box.”
- Working together provides the opportunity to understand other people’s concerns and issues.
- Stakeholder comments are heard and responded to early in the process, which leads to more effective program implementation and future acceptance.

It is important that a free flow of information be maintained between the City, citizens, and TARA. This is important because the people that comprise the Stakeholder Committee live and work within the community, and they will be the best resource to convey the Plan’s message.

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## TARA MEMEBERSHIP

It is important that TARA consist of a diverse assortment of local representatives with different perspectives on the issue that also possess a high degree of trust and credibility with their fellow citizens. These stakeholders will represent a broad range of backgrounds from business leaders to church leaders to neighborhood groups to developers. The City of Milton commission has appointed seven citizen representatives to the committee and has also included a representative from the local landfill, two representatives from local waste haulers, and a representative from Keep North Fulton Beautiful.

In the selection of these committee members, the City made an effort to recognize and be cognizant of the general public's perception and to ensure that the City's SWMP reflects the goals and objectives of the various communities within the City.

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## TARA MEETING STRATEGY

TARA will be scheduled to meet six times throughout the planning process to review progress and provide feedback to the Project Team. Following is a meeting schedule and a list of proposed topics to be discussed at each Stakeholder meeting. Read ahead material will be provided to TARA members one week prior to each meeting. Experience has shown that supplying "read ahead" material leads to more productive meetings by allowing the Stakeholders to review the information in advance. Stakeholder meetings will be held in an informal but professional manner to create an environment that will facilitate participation and to show due respect to the participants who are donating their time. Meetings will be held at 6:00 PM on the first Thursday of the month and will be limited to a maximum of two hours per meeting. The schedule will not be changed without first notifying TARA in advance.

- Meeting 1 (September 4, 2008) – Kick-Off Coordination Meeting: This meeting will include an introduction of TARA, City staff, and City consultants. The consultants will provide a review of the SWMP planning requirements and process. The Public Participation Plan will be presented to TARA during the meeting for their discussion and input.

*Read Ahead Material:* Meeting 1 Agenda  
Public Participation Plan

- Meeting 2 (October 2, 2008) Waste Stream Analysis: This meeting will include a presentation and discussion on the draft waste stream analysis. A survey will also be administered to gather TARA members' opinions on solid waste management issues. The survey will contain questions on a wide range of solid waste related topics. The results of the survey will be tabulated by the consultants and presented to TARA at Meeting 3. Based on the results, the TARA will identify the issues and concerns related to the five SWMP elements and will craft the future SWMP vision & goals.

*Read Ahead Material:* Meeting 2 Agenda

Meeting 1 Summary  
Draft Waste Stream Analysis

- Meeting 3 (November 6, 2008) Needs & Issues Based on System Assessment: The survey results will be presented at this meeting and TARA members will be broken up into five groups to brainstorm needs and issues related to each of the five Solid Waste Management Planning elements: Waste Reduction, Collection, Disposal, Land Limitation, Education & Public Involvement. Each group will then present their findings to the committee as a whole. The issues and needs identified by the group at this meeting will be included as part of the meeting summary and emailed to TARA for their review.

*Read Ahead Material:* Meeting 3 Agenda  
Meeting 2 Summary

- Meeting 4 (December 4, 2008) Goals Based on Identified Needs: A vision exercise will be conducted at this meeting to help outline the goals for each element based on the needs and issues identified at Meeting 3. It is important that TARA go through the process of reviewing the waste stream analysis and identified needs and issues, so that they are adequately prepared to formulate realistic goals. The goals identified by the group at this meeting will be included in the meeting summary and emailed to TARA for their review.

*Read Ahead Material:* Meeting 4 Agenda  
Meeting 3 Summary

- Meeting 5 (January 8, 2009): Implementation Program: The committee members will break up into groups again to begin flushing out the specific tasks the City will need to implement to achieve the goals identified at Meeting 4. The short term work program tasks identified at this meeting will be include in the meeting summary and emailed to TARA for their review.

*Read Ahead Material:* Meeting 5 Agenda  
Meeting 4 Summary

- Meeting 6 (February 9, 2009): Council Work Session: TARA members will be invited to attend a work session where the draft SWMP will be presented to the City Council.

## PUBLIC INFORMATION & OUTREACH

In addition to the strategies identified above, the City will produce informational material to update citizens about the content and progress of the SWMP planning process. The City will also ensure that all community participation opportunities are well publicized, so that all residents and property owners in Milton have an opportunity to provide input. The City will utilize the following Public Information techniques:

- *Informational Handout(s)*. These handouts and/or fact sheets will be used to provide simple facts about the SWMP and meeting dates to the public. There may be more than one handout to explain various aspects of the SWMP. The handouts will be made available at City Hall and on the website.
- *Website*. Websites are a great method of getting information out to a large group of people. A section or link will be added to the City's website for the SWMP that will allow for quick immediate information for the general public. The webpage will include information on the program, dates for public meetings, and a link to e-mail any questions or concerns. The website also provides an opportunity to catalog appropriate public documents and make them available to the public through use of downloadable PDF files.

## PUBLIC HEARINGS

The state minimum standards require that two Public Hearings on the SWMP be held before City Council at least 30 days apart to inform the public regarding the status of the SWMP and to adopt a resolution to submit the SWMP to the DCA. The proposed dates for presentation of the SWMP and approval of a Resolution to submit the SWMP are January 2009 and March 2009 respectively. This is subject to change based on the City Council's schedule as well as the status of the planning process. Both hearings will be open to the public and advertised in accordance with City procedures. Agendas will be posted on the City's website and made publicly available at City Hall before the meetings.

The initial public hearing will provide citizens with an opportunity to ask questions and voice any concerns about the proposed strategy for solid waste management in Milton. The following public hearing will be held prior to submittal of the SWMP to DCA.

**PUBLIC INVOLVEMENT SCHEDULE**

SWMP Implementation Master Schedule	2008																				2009																							
	Aug				Sep				Oct				Nov				Dec				Jan				Feb				Mar				Apr				May							
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
<b>Notice To Proceed</b>																																												
<b>Public Participation Plan</b>																																												
Submittal to City																																												
Final Plan																																												
Presentation to Tara																																												
<b>Meeting 1: Kick-Off Coordination Meeting</b>																																												
Submit Read Ahead Material to City																																												
Send Read Ahead Material to TARA																																												
Hold Meeting																																												
Meeting Summary																																												
<b>Meeting 2: Waste Stream Analysis</b>																																												
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Send Read Ahead Material to TARA																																												
Hold Meeting																																												
Administer opinion survey																																												
Meeting Summary																																												
<b>Meeting 3: Needs &amp; Issues</b>																																												
Submit Read Ahead Material to City																																												
Send Read Ahead Material to TARA																																												
Hold Meeting																																												
Review opinion survey results																																												
Meeting Summary																																												
<b>Meeting 4: Goals Based on Identified Needs</b>																																												
Submit Read Ahead Material to City																																												
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Submit Read Ahead Material to City																																												
Hold Meeting																																												
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Website																																												
Handouts																																												
<b>Public Hearings</b>																																												
Final Draft Submitted to City																																												
SWMP Submitted to DCA																																												
SWMP Adopted by City*																																												





# AGENDA

## Trash and Recycling Advisory Committee (TARA)

### *City of Milton Solid Waste Management Plan Kick-Off Meeting*

September 4, 2008

6:00 p.m. – 8:00 p.m.

**Milton City Council Chambers**

**13000 Deerfield Parkway**

**Milton, Georgia 30004**

**Invitees:** Cindy Eade, Keep North Fulton Beautiful  
Brian Warren, Custom Disposal  
Jim Lozen, Waste Management  
Charles Slade, Community Waste Services  
Others

**Please read:** DCA Rules for Solid Waste Management Planning (attached)  
Draft Public Participation Program (attached)

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<b>6:00 p.m. – 6:20 p.m.</b>	<b>Introduction</b> Light Dinner Welcome Election of Chairman and Vice Chairman Discussion of ground rules for meetings Public Comment Period	<i>Courtney Reich, EPG</i>
<b>6:20 p.m. – 6:45 p.m.</b>	<b>Solid Waste Planning 101</b> Overview of Planning Process	<i>Ed DiTommaso, EPG</i>
<b>6:45 p.m. – 7:30 p.m.</b>	<b>Public Participation Plan</b> City's Proposed Plan Group Discussion	<i>Courtney Power, EPG</i>
<b>7:30 p.m. – 8:00 p.m.</b>	<b>Wrap-up</b> Next Steps Homework Assignments for Next Meeting Next Meeting Agenda Public Comment Period	Courtney Power, EPG

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**Attachments:**

1. DCA Rules for Solid Waste Management Planning
2. Draft Public Participation Program



# MINUTES

## Trash and Recycling Advisory Committee (TARA)

### *City of Milton Solid Waste Management Plan Kick-Off Meeting*

**Date:** September 4, 2008

**Time:** 6:00 p.m. – 8:00 p.m.

**Attendees:** Kathy Reed, Keep North Fulton Beautiful  
Brian Warren, Custom Disposal  
Charles Slade, Community Waste Services  
Marc Arrington, Julie Zahner-Bailey's appointee  
Felicia Houston, Alan Tart's appointee  
Julie Pinckney, Tina D'Aversa's appointee  
Dan Drake, Director of Public Works, City of Milton  
Courtney Reich, Ecological Planning Group (EPG)  
Ed DiTommaso, Ecological Planning Group (EPG)  
Vic Jones, Jones Consulting Group

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### **Discussion Items:**

1. The meeting began with introductions and ground rules:
  - a. The TARA Committee is comprised of seven (7) appointees from Mayor and City Council, one (1) representative of Keep North Fulton Beautiful, two (2) waste haulers, one (1) representative from Waste Management, one (1) City staff representative, and three (3) members of the consultant team for a total of 15 members.
  - b. On matters requiring a vote, the City Staff representative and the consultant team will abstain.
  - c. The committee will be represented to City Council by the Chairman and/or the Vice Chairman.
  - d. Attendees were encouraged to print out material emailed to them prior to the meeting.
  - e. Subsequent meetings will begin with approval of meeting summaries from the previous meeting.
  - f. Contact information for the attendees is attached at the end of these minutes.
2. Ed presented Solid Waste Planning 101, which provided an overview to the planning process. The Powerpoint presentation will be emailed to attendees.
3. Courtney referred to the Draft Public Participation Plan and walked the group through the document.
4. The Department of Community Affairs only requires that the City provides a minimum of two public meetings. The City of Milton has committed to a higher level of involvement.
5. Dan pointed out that, on Page 2 of the document, the following two strategies should be removed: Opinion Survey and Cable Channel.
6. Courtney continued to discuss the meeting strategy described in the Public Participation Plan.
7. Meetings will be held on the first Thursday of every month from 6:00 PM to 8:00 PM.
8. Communications amongst the committee members between meetings may most effectively be addressed through email; thus communication amongst the committee members is not restricted to the meetings. This would not be a violation of the intent to be "open to the public".
9. Documents distributed for review should ideally be marked up using "Track Changes" in Word. Simply save the document with your initials on the end of the file name and reply to all members. However, any way revisions can be submitted, they will be accepted.
10. The consultant team and Dan reiterated that these meetings and all discussions taking place in these meetings are open to the public and the general public is welcome to attend.
11. Kathy mentioned some materials on recycling from EPA from a recent workshop she attended that serves as good supplemental material. The link is [www.epa.gov/region4/recycle](http://www.epa.gov/region4/recycle).
12. For additional information, an EPA Region 4 Contact: Robin Billings 404-562-8515 (Mobile).

13. The City will be sending out letters to registered waste haulers to request information needed to generate the waste stream analysis.
14. Marc would like to see this committee: 1) address the traffic related to the various waste haulers; 2) address enforcement of the City's policies; and 3) examine what the older cities are doing well.
15. As the Committee proceeds through this planning process, consider addressing Garbage, Recycling, and Waste Trimmings individually.
16. The committee voted Marc Arrington as the Chairman of the Committee and Kathy Reed as the Vice Chair.
17. Meeting adjourned at approximately 8:00 PM.

**Next meeting: October 2, 2008.**

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**Action Items:**

- Ed is to email the Powerpoint presentation to TARA members.
- EPG to have information posted on the website prior to next meeting.
- Marc Arrington to provide information on specific certification programs or grants that will help identify certain goals required to attain those certifications.
- All comments on the Public Participation Plan should be submitted as soon as possible so this document can be finalized.
- EPG to distribute the Waste Stream Analysis the week prior to the next meeting (9/25/08).
- Ed will be distributing the Litter Ordinance and "Chapter 17: Public Works (Garbage and Solid Waste)" for review before next meeting.
- Kathy will be sending Public Education information to Ed.
- The Committee should be thinking about goals for waste reduction, but the calculations for the Waste Stream Analysis will be based on 25% reduction over the next 25 years.
- Kathy will provide input for the letter to waste haulers to list out information needed to generate the waste stream analysis.

## **CONTACT INFORMATION**

<b>NAME</b>	<b>ORGANIZATION</b>	<b>EMAIL</b>
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Marc Arrington	Milton Grows Green / Julie Zahner-Bailey	marc@williamarrington.com
Kathy Reed	Keep North Fulton Beautiful	<a href="mailto:kathyreed@keepnorthfultonbeautiful.org">kathyreed@keepnorthfultonbeautiful.org</a>
Brian Warren	Custom Disposal Service	<a href="mailto:brian@customdisposal.com">brian@customdisposal.com</a>
Julie Pinckney	Tina D'Aversa	<a href="mailto:Julie.pinckney@aig.com">Julie.pinckney@aig.com</a>
Felicia Houston	Alan Tart	fhouston@callidussoftware.com
Charles Slade	Community Waste Services	cslade@cwsotfga.com



# AGENDA

## Trash and Recycling Advisory Committee (TARA)

### *City of Milton Solid Waste Management Plan Meeting #2*

October 2, 2008

6:00 p.m. – 8:00 p.m.

**Milton City Council Chambers**  
**13000 Deerfield Parkway**  
**Milton, Georgia 30004**

**Invitees:** Brian Warren, Custom Disposal  
Jim Lozen, Waste Management  
Charles Slade, Community Waste Services  
Kathy Reed, Keep North Fulton Beautiful  
Marc Arrington, Julie Zahner-Bailey's appointee  
Felicia Houston, Alan Tart's appointee  
Julie Pinckney, Tina D'Aversa's appointee

**Please read:** Waste Stream Analysis  
Meeting Summary from 09/04/08

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<b>6:00 p.m. – 6:30 p.m.</b>	<b>Administrative Business</b> Light Dinner Public Comment Period Approval of Meeting Summary	<i>Mark Arrington, Tara Chairman</i>
<b>6:30 p.m. – 7:30 p.m.</b>	<b>Waste Stream Analysis</b> Presentation on the Waste Stream Analysis Discussion & Comments	<i>Ed DiTommaso, EPG</i>
<b>7:30 – 7:45 p.m.</b>	<b>Solid Waste Issues Survey</b> Take Short Survey on Solid Waste Issues	
<b>7:30 p.m. – 8:00 p.m.</b>	<b>Wrap-up</b> Next Steps Next Meeting Agenda Public Comment Period	<i>Mark Arrington, Tara Chairman</i>

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# MINUTES

## Trash and Recycling Advisory Committee (TARA)

### *City of Milton Solid Waste Management Plan Kick-Off Meeting*

**Date:** October 2, 2008

**Time:** 6:00 p.m. – 8:00 p.m.

**Attendees:**

COMMITTEE MEMBERS	OTHERS
Kathy Reed, Keep North Fulton Beautiful	Jennifer Szabo, Department of Community Affairs
Brian Warren, Custom Disposal	Dan Drake, Director of Public Works, City of Milton
Charles Slade, Community Waste Services	Courtney Reich, Ecological Planning Group (EPG)
Marc Arrington, Julie Zahner-Bailey's appointee	Ed DiTommaso, Ecological Planning Group (EPG)
Felicia Houston, Alan Tart's appointee	Vic Jones, Jones Consulting Group
Julie Pinckney, Tina D'Aversa's appointee	
Ron Hardy, Bill Lusk's appointee	
Jim Lozen, Waste Management	

**Discussion Items:**

1. The meeting began with a discussion of who makes up the Committee Members.
2. It was reiterated that the TARA Committee is comprised of seven (7) appointees from Mayor and City Council, one (1) representative of Keep North Fulton Beautiful, two (2) waste haulers, one (1) representative from Waste Management, for a total of 11 members.
3. At this time, Mayor Joe Lockwood and Councilman Burt Hewitt have not identified their representatives.
4. A quorum was defined as six (6) members of the Committee being present.
5. In order to reduce confusion, committee members will be listed separately and clearly identified (as shown above under "Attendees").
6. The website is up and available. Meeting minutes, summaries, and other documentation will now be available on the City's website. The address is: [://www.cityofmiltonga.us/publicworks/TARA](http://www.cityofmiltonga.us/publicworks/TARA).
7. Discussion of the minutes from the last meeting lead to the question of whether the letter went out to the waste haulers.
8. The letter had been sent out and a number of responses had already been received. The deadline was set to be 10/10/08.
9. Documents produced and reviewed by the Committee should have the Revision Name/Number and Date in the footer to reduce confusion.
10. Enforcement of the SWMP needs to be a focus.
11. Without further discussion, the minutes were approved as written.
12. The latest revision of the SWMP was discussed section by section.
13. The group clarified that the 2008-2018 time period for the plan coincides with the City's planning period even though the plan will not be submitted until 2009.
14. The population numbers used were developed by CPAC and adopted by TARA.
15. The group discussed the disposal rate on a per capita basis and considered the differences between measuring on a volume basis versus a weight basis.
16. Source Reduction needs to focus on Commercial.
17. Commercial Education needs to target specific companies and the specific type of waste they generate.

18. "Waste By Sector" is based on waste generated by the people who live in the City of Milton regardless of where the waste is generated.
19. Reduction Goals should align very closely with the Action/Implementation Plan.

**Next meeting: November 6, 2008.**

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**Action Items:**

- Clarify the tables in the SWMP with examples.
- Clarify sources in the SWMP Introduction.
- Ed is to email the Powerpoint presentation to TARA members.
- Marc Arrington to provide information on specific certification programs or grants that will help identify certain goals required to attain those certifications.
- Kathy will be sending Public Education information to Ed.
- ~~Kathy will provide input for the letter to waste haulers to list out information needed to generate the waste stream analysis.~~
- ~~EPG to have information posted on the website prior to next meeting.~~
- ~~All comments on the Public Participation Plan should be submitted as soon as possible so this document can be finalized.~~
- ~~EPG to distribute the Waste Stream Analysis the week prior to the next meeting (9/25/08).~~
- ~~Ed will be distributing the Litter Ordinance and "Chapter 17: Public Works (Garbage and Solid Waste)" for review before next meeting.~~
- ~~The Committee should be thinking about goals for waste reduction, but the calculations for the Waste Stream Analysis will be based on 25% reduction over the next 25 years.~~

## **CONTACT INFORMATION**

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Jennifer Szabo	Department of Community Affairs	jszabo@dca.state.ga.us
Marc Arrington	Milton Grows Green / Julie Zahner-Bailey	marc@williamarrington.com
Kathy Reed	Keep North Fulton Beautiful	<a href="mailto:@keepnorthfultonbeautiful">@keepnorthfultonbeautiful.</a>
Brian Warren	Custom Disposal Service	<a href="mailto:@customdisposal">@customdisposal.</a>
Julie Pinckney	Tina D'Aversa	<a href="mailto:.pinckney@aig">.pinckney@aig.</a>
Jim Lozen	Waste Management	<a href="mailto:@wm">@wm.</a>
Ron Hardy	Bill Lusk	Rhardy46@bellsouth.net
Felicia Houston	Alan Tart	fhouston@callidussoftware.com
Charles Slade	Community Waste Services	cslade@cwsofga.com





# AGENDA

## Trash and Recycling Advisory Committee (TARA)

### *City of Milton Solid Waste Management Plan Meeting #3*

**November 6, 2008**

**6:00 p.m. – 8:00 p.m.**

**Milton City Council Chambers**

**13000 Deerfield Parkway**

**Milton, Georgia 30004**

#### **Invitees:**

Kathy Reed, Keep North Fulton Beautiful  
Brian Warren, Custom Disposal  
Charles Slade, Community Waste Services  
Marc Arrington, Julie Zahner-Bailey's appointee  
Felicia Houston, Alan Tart's appointee  
Julie Pinckney, Tina D'Aversa's appointee  
Ron Hardy, Bill Lusk's appointee  
Jim Lozen, Waste Management

**Please read:** System Assessment  
Meeting Summary from 10/02/08

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<b>6:00 p.m. – 6:20 p.m.</b>	<b>Administrative Business</b> Light Dinner Public Comment Period Approval of Meeting Summary	<i>Mark Arrington, Tara Chairman</i>
<b>6:20 p.m. – 6:45 p.m.</b>	<b>Summary of System Assessment</b> <b>Summary of Solid Waste Issues Survey</b> Presentation of Results Discussion & Comments	<i>Ed DiTommaso, EPG</i>
<b>6:45 – 7:45 p.m.</b>	<b>Needs &amp; Issues</b> Break into Groups to Identify Needs & Issues for Waste Reduction, Collection, Disposal, Land Limitation, Education & Public Involvement Present Needs & Issues to Group as a Whole	
<b>7:45 p.m. – 8:00 p.m.</b>	<b>Wrap-Up</b> Next Steps Next Meeting Agenda Public Comment Period	<i>Mark Arrington, Tara Chairman</i>

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# Minutes

## Trash and Recycling Advisory Committee (TARA) *City of Milton Solid Waste Management Plan Kick-Off Meeting*

**Date:** November 6, 2008

**Time:** 6:00 p.m. – 8:00 p.m.

**Attendees:**

COMMITTEE MEMBERS	OTHERS
Kathy Reed, Keep North Fulton Beautiful	Jennifer Szabo, Department of Community Affairs
Jim Lozen, Waste Management	Dan Drake, Director of Public Works, City of Milton
Marc Arrington, Julie Zahner-Bailey's appointee	Courtney Reich, Ecological Planning Group (EPG)
Ron Hardy, Bill Lusk's appointee	Ron Feldner, Ecological Solutions
Jim Hilly, Karen Thurman's appointee	Vic Jones, Jones Consulting Group
	Erik Alford, Ecological Solutions

**Discussion Items:**

- Marc opened the meeting and reviewed the action items on the October 2<sup>nd</sup> meeting summary. The action items listed below must still be completed.
- A quorum was not present so the committee was unable to formally adopt the minutes from the October 2<sup>nd</sup> meeting, although there was no additional comment on the minutes from the members present nor had any been received prior to the meeting.
- Courtney reviewed the Solid Waste Survey from the October 2<sup>nd</sup> meeting and asked the group to provide comments on the Waste System Assessment provided to the group as read ahead material. She further assured the group that they could still provide written, electronic or verbal comments on the system assessment as it was still in draft form.
- The committee members and other attendees were then split into two groups to perform the needs assessment on the System Assessment. The following is a summary of the needs and goals identified by the various groups:

Waste Collection: Group # 1:

- Add convenient centers in Milton for recycling drop off.
- Establish a facility to accommodate recycling drop off. Assess the viability of DCA/GEFA grants for this purpose.
- Identify locations for this recycling facility.
- Increase the number of recycling centers.
- Enforce solid waste ordinance requirements for tonnage requirements.

- Increase convenience of recycling to increase participation by allowing for single-stream recycling.
- Air quality is an issue due to the multiple haulers making multiple trips to the same area.

#### Waste Reduction: Group # 1

- There needs to be electronic documentation of recyclables collected.
- Investigate a program that would give people credit/incentives/rewards for the amount they recycled. See Oak Ridge, TN example.
- There is a need for a compost site for yard waste. See Snellville and/or Athens/Clarke County.
- Milton should participate in "Freecycle.org"
- Survey the existing businesses to see what recycling programs they participate in or would like to have available to them.
- Expand options for workplace recycling.

#### Public Education: Group #1

- Promote businesses that offer recycling.
- Encourage a reduction in generation of household waste through education.
- Promote on-site composting.
- The City needs to better publicize amnesty events that it participates in with other jurisdictions/agencies.
- The City should also consider a Milton-only amnesty event.
- There needs to be more education for both citizens and businesses on the available recycling options.
- Promote recycling at all public City events.
- Expand outreach to schools and businesses.

#### Waste Disposal: Group #2

- The plan needs to clearly differentiate between Municipal Solid Waste (MSW) and Construction and Demolition Debris (C&D).
- The 10-year capacity needs to be assured for all landfills, but not for transfer stations.
- Ensure space is available in local landfills for MSW generated in the city.
- Identify and confirm Debris Management sites in Milton.
- Perform environmental permitting and get applicable land use variances for these sites in accordance with EPD requirements.
- Identify and locate a recycling center in or near the City. This site should "fill in the gap" between existing stations in surrounding jurisdictions.
- Investigate the potential of working with the Roswell recycling facility to receive recyclables from a future Milton recycling location.
- There is a need for household hazardous amnesty days/disposal locations in Milton.

#### Land Limitations: Group #2

- Maintain City maps/GIS database with regard to environmental, land use, and zoning limitations for solid waste facilities within the City.
- Ensure that any new or expanded facilities are compliant with State and federal regulations as well as local requirements.
- Understand the future of and the owner's plans for Chadwick landfill.
- Explore and eliminate any loopholes in the City's zoning code and special use permit requirements that will allow for the siting of unwanted solid waste facilities.

- Ensure that the recommendations of this plan are consistent with the Comprehensive Plan and are ultimately included in the City's code.
- Provide guidance on the need to better improve consistency between the Solid Waste Management Plan, the Comprehensive Plan and the City's code.
- Identify any additional limiting factors that the City wishes to consider beyond that which is required by EPD.
- Coordinate this plan with the Milton CPAC committee.

**Next meeting: December 4, 2008.**

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**Action Items:**

- Marc will reach out to CPAC about the need to coordinate our plans.
- Dan will request copies of the Gwinnett and Cobb County Solid Waste Ordinances from Jen.
- Marc will identify members for a subcommittee to review and make recommendations on the City's existing Solid Waste Ordinance.
- Ed will clarify the tables in the SWMP with examples.
- Ed will clarify sources in the SWMP Introduction.
- Ed will email the Powerpoint presentation to TARA members.
- Marc Arrington to provide information on specific certification programs or grants that will help identify certain goals required to attain those certifications.
- The committee will have to adopt the Minutes from October and November at the next meeting, assuming there is a quorum.
- Courtney will forward ordinances to the committee for reference.
- Courtney will add Jim Hilley to the Invitee list.

## CONTACT INFORMATION

NAME	ORGANIZATION	EMAIL	CONTACT
Courtney Reich	Ecological Planning Group	<a href="mailto:CourtneyReich@ecologicalplanning.net">CourtneyReich@ecologicalplanning.net</a>	912-656-1316
Ed DiTommaso	Ecological Planning Group	<a href="mailto:EdDitommaso@ecologicalplanning.net">EdDitommaso@ecologicalplanning.net</a>	912-596-3407
Vic Jones	Jones Consulting Group	<a href="mailto:Vic@jones-consulting-group.com">Vic@jones-consulting-group.com</a>	770-335-0959
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Erik Alford	Ecological Solutions	<a href="mailto:ErikAlford@ecologicalsolutions.net">ErikAlford@ecologicalsolutions.net</a>	770-998-9952
Dan Drake	City of Milton Public Works	<a href="mailto:Dan.Drake@cityofmiltonga.us">Dan.Drake@cityofmiltonga.us</a>	404-418-8179
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Jim Hilley	Councilmember Thurman's Appointee	<a href="mailto:Jim.Hilley@unitedlex.com">Jim.Hilley@unitedlex.com</a>	770-361-2844
Marc Arrington	Councilmember Zahner-Bailey's Appointee	<a href="mailto:Marc@williamarrington.com">Marc@williamarrington.com</a>	770-314-0443



# AGENDA

## Trash and Recycling Advisory Committee (TARA)

### *City of Milton Solid Waste Management Plan Meeting #4*

December 4, 2008

6:00 p.m. – 8:00 p.m.

**Milton City Council Chambers**  
**13000 Deerfield Parkway**  
**Milton, Georgia 30004**

#### **Invitees:**

Kathy Reed, Keep North Fulton Beautiful  
Brian Warren, Custom Disposal  
Charles Slade, Community Waste Services  
Marc Arrington, Julie Zahner-Bailey's appointee  
Felicia Houston, Alan Tart's appointee  
Julie Pinckney, Tina D'Aversa's appointee  
Ron Hardy, Bill Lusk's appointee  
Jim Lozen, Waste Management

**Please read:** Draft Solid Waste Management Plan  
Meeting Summary from 10/02/08 & 11/06/08  
Available on the Solid Waste Site <http://www.cityofmiltonga.us/publicworks/TARA.html>

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<b>6:00 p.m. – 6:20 p.m.</b>	<b>Administrative Business</b> Light Dinner Public Comment Period Approval of Meeting Summaries (Oct & Nov)	<i>Mark Arrington, Tara Chairman</i>
<b>6:20 p.m. – 6:30 p.m.</b>	<b>TARA Sub-Committee Update</b>	<i>Mark Arrington, Tara Chairman</i>
<b>6:30 p.m. – 6:45 p.m.</b>	<b>Review of Solid Waste Planning Standards</b> Go over the minimum planning standards to show where we are and where we are going as we move forward	Ed DiTommaso, EPG
<b>6:45 – 7:45 p.m.</b>	<b>Identification of Goals</b> Break into Groups to Identify Goals for Waste Reduction, Collection, Disposal, Land Limitation, Education & Public Involvement Present Goals to Group as a Whole	Group Exercise
<b>7:45 p.m. – 8:00 p.m.</b>	<b>Wrap-Up</b> Next Steps & Next Meeting Agenda Public Comment Period	<i>Mark Arrington, Tara Chairman</i>

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# Minutes

## Trash and Recycling Advisory Committee (TARA) *City of Milton Solid Waste Management Plan Kick-Off Meeting*

**Date:** December 4, 2008

**Time:** 6:00 p.m. – 8:00 p.m.

**Attendees:**

COMMITTEE MEMBERS	OTHERS
Cindy Eade for Kathy Reed, Keep North Fulton Beautiful	Dan Drake, Director of Public Works, City of Milton
Jim Lozen, Waste Management	Courtney Reich, Ecological Planning Group (EPG)
Marc Arrington, Julie Zahner-Bailey's appointee	Ron Feldner, Ecological Solutions
Ron Hardy, Bill Lusk's appointee	Vic Jones, Jones Consulting Group
Brian Warren, Custom Disposal Service	Erik Alford, Ecological Solutions
Charles Slade, Community Waste Services	Ed DiTommaso, Ecological Planning Group
Julie Pickney, Councilmember D'Aversa Appointee	
Felicia Houston, Councilmember Tart's Appointee	Jennifer Szabo, Department of Community Affairs
Jim Hilley, Councilmember Thurman's Appointee	

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**Discussion Items:**

- We began the meeting with a discussion of the Solid Waste Planning Standards.
- Building on the results from the November 6 meeting, which focused on a Needs Assessment, we began the identification of Goals. We opted to brainstorm on the goals as one group as opposed to breaking into separate groups.
- The following is a summary of the goals identified:
  - Waste Disposal
    - Ensure space is available at landfills used by city haulers and transfer stations
    - Make sure there is waste disposal available in case of emergencies
    - Debris management plan that is consistent with GEMA standards
    - Enforcement / audit of proper disposal types of waste (ie. Yard waste, recyclables).
  - Land Limitations
    - Ensure new facilities and/or expanding facilities are sited / approved to be consistent with surrounding land uses and environment
    - Identify site suitable for satellite recycling center
    - Review zoning to ensure it is consistent with the Solid Waste Plan
    - Make sure the plan is consistent with the community's desire for new facilities
    - Get certification from landfills



- Waste Collection
  - Recycling centers for large / unusual items
  - Mandatory recycling
  - Satellite recycling center for Roswell
  - Electronic recycling
  - City-wide collection that is consistent and efficient
  - Reduce traffic and pollution due to multiple pickups
  - Bulk item pick up or disposal
  - Amnesty day
  - Educate people on services available
  - Provide easy and convenient service
  - Improve quality of substandard service required
  - Ensure ordinances for solid waste are clear and enforceable
  - Ensure franchise fees are collected and used for solid waste related projects and infrastructure
  
- Waste reduction
  - Mandatory curbside recycling
  - Mandatory commercial recycling
  - Mandatory recycling fee
  - Requiring recycling and solid waste recycling areas in new commercial development
  - Incentives for commercial recycling
  - Increase commercial recycling
  - Increase residential recycling
  - Enforce requirements to offer recycling
  - Limit amount and number of cans of trash
  - Make trash cans smaller than recycling bins
  - Investigate a pay-as-you-go program
  - Increasing block rate for trash
  - City to contract for solid waste and recycling
  - Achieve the waste reduction goal
  - Qualification / screening program
  - Encourage better yard waste disposal
  - Ensure haulers are properly disposing of yard waste
  - Encourage source reduction
  - Decrease waste
  - Increase waste reduction at schools
  - Education
  - Single stream recycling for everyone
  
- Public Education
  - Understand the communities satisfaction and knowledge of existing programs
  - Award / competition to encourage recycling in schools
  - Recycling education in schools (bring this knowledge home to parents)
  - Website recognition for businesses that recycle
  - MGG to create an award recognition program to reward good efforts
  - Website at the City with links to other websites including schools and HOA websites
  - City council email blast

- Coordinate with City staff and MGG
- Increase avenues of public education
- Waste audits and recommendations
- KNFB KAB program (make this a requirement for award program)
- Marc provided an update to the group on the TARA Sub-Committee.
- The October and November minutes were approved, since a quorum was present.

**Next meeting: January 8, 2008.**

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**Action Items:**

- Ed will process the goals for our next meeting.
- Ed will forward to Dan the names of the waste haulers who have not provided the requested information.
- Dan will forward to Ed the waste collection report from the haulers.
- Dan will request copies of the Gwinnett and Cobb County Solid Waste Ordinances from Jen.
- Ed will email the Powerpoint presentation to TARA members (to be uploaded to the website as opposed to being emailed out).
- Marc Arrington to provide information on specific certification programs or grants that will help identify certain goals required to attain those certifications.
- ~~Ed will clarify the tables in the SWMP with examples.~~
- ~~Ed will clarify sources in the SWMP Introduction.~~
- ~~Marc will reach out to CPAC about the need to coordinate our plans (Meeting scheduled).~~
- ~~Marc will identify members for a subcommittee to review and make recommendations on the City's existing Solid Waste Ordinance.~~
- ~~The committee will have to adopt the Minutes from October and November at the next meeting, assuming there is a quorum.~~
- ~~Courtney will forward ordinances to the committee for reference.~~
- ~~Courtney will add Jim Hilley to the Invitee list.~~

## CONTACT INFORMATION

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Marc Arrington	Councilmember Zahner-Bailey's Appointee	<a href="mailto:Marc@williamarrington.com">Marc@williamarrington.com</a>	770-314-0443





**PINE BLUFF LANDFILL**

13809 E. Cherokee Drive  
Ball Ground, GA 30107  
(770) 479-2936  
(770) 479-3265 Fax

April 14, 2009

Chris Lagerbloom  
City Manager  
13000 Deerfield Parkway  
Building 100 – Suite 107 C/D  
Milton, Georgia 30004

Dear Mr. Lagerbloom,

This letter serves as a disposal capacity assurance for waste generated by the City of Milton for 2008 through 2018 at Pine Bluff Landfill. The projected tonnage to be disposed of throughout the course of the planning period is 361,844 tons. The Georgia EPD permit number for this facility is 028-039D(SL).

We thank the City of Milton for their business partnership and look forward to providing environmentally sound waste disposal options for the foreseeable future.

*B. Myhrhals*  
*(District Manager)*

Sincerely,  
Pine Bluff Landfill



April 14, 2009

Chris Lagerbloom  
City Manager  
13000 Deerfield Parkway  
Building 100 – Suite 107 C/D  
Milton, Georgia 30004

Dear Mr. Lagerbloom,

This letter serves as a disposal capacity assurance for waste generated by the City of Milton for 2008 through 2018 at Eagle Point Landfill. The projected tonnage to be disposed of throughout the course of the planning period is 90,461 tons. The Georgia EPD permit number for this facility is 058-012D(MSWL).

We thank the City of Milton for their business partnership and look forward to providing environmentally sound waste disposal options for the foreseeable future.

Sincerely,  
Eagle Point Landfill

A handwritten signature in dark ink, appearing to read "Steve Edm", is written over the printed name "Eagle Point Landfill".



7 E. Congress Street  
Suite 801  
Savannah, GA 31401